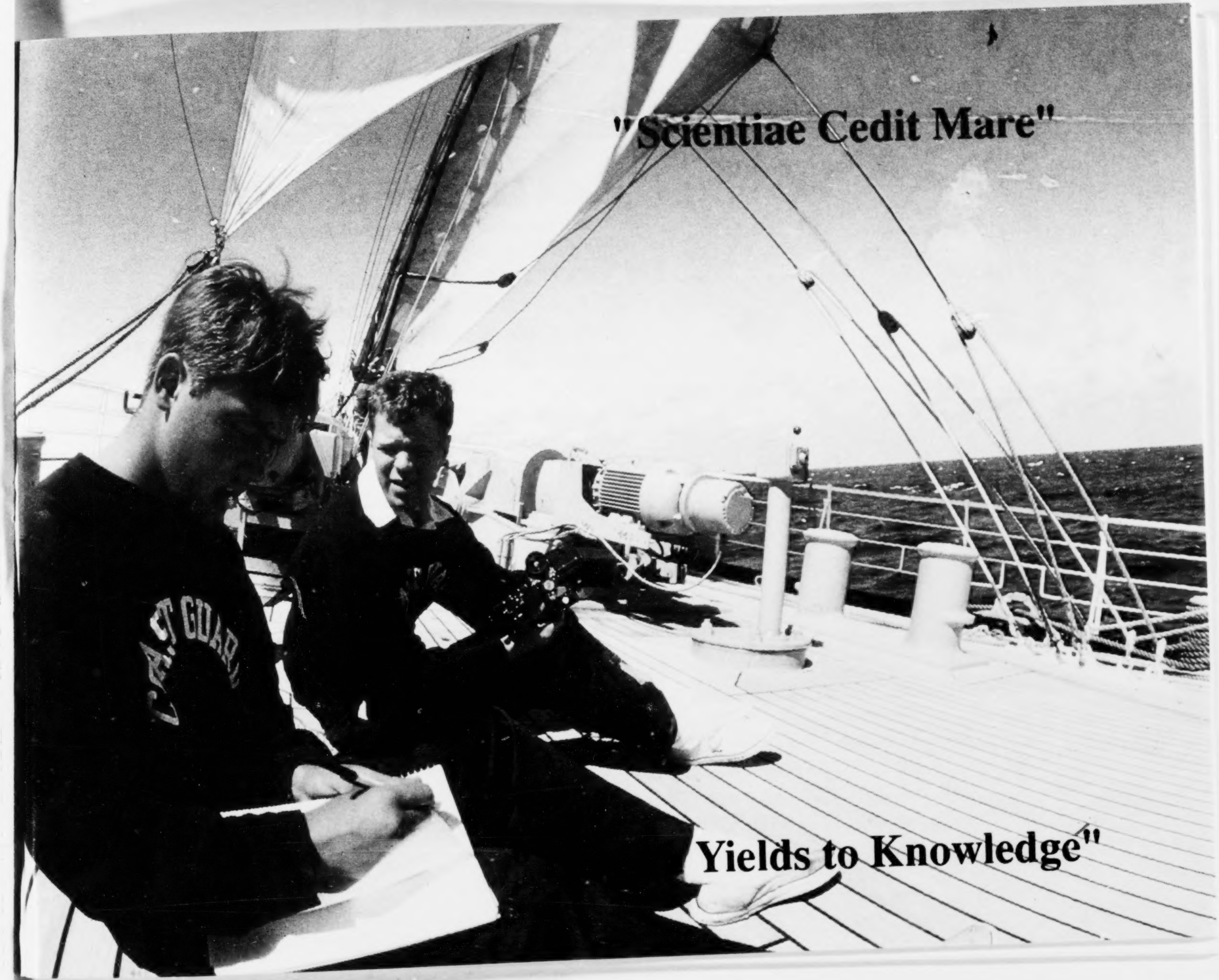
989-90

1989-90 Bulletin of Information

The U. S. Coast Guard Academy

New London, Connecticut

TD5.16/2:



"Scientiae Cedit Mare"

Yields to Knowledge"

Semper Paratus -- Always Ready

The Coast Guard Academy prepares young men and women for service in the United States Coast Guard -- the armed service that serves humanity.

The Academy is a quality educational institution where young people find mental toughness, physical fitness, and moral strength are held in high regard.

We offer undergraduate programs primarily in the sciences, engineering, government and management. In addition, courses in seamanship, military leadership, and physical education are mandatory for all cadets.

Please study the information in this bulletin very carefully before you apply. You must be prepared to accept the commitment at the Academy and the five year obligation incurred upon graduation as an officer in the U.S. Coast Guard.

Can you meet our challenge?

T. T. MATTESON
Rear Admiral, U. S. Coast Guard
Superintendent

U.S. Department
of Transportation
United States
Coast Guard

TABLE OF CONTENTS

THE ACADEMY PHILOSOPHY 5
THE HISTORY OF THE ACADEMY 6
ADMISSIONS REQUIREMENTS 9
CADET LIFE 15
  ACADEMICS 17
  MILITARY 29
  ATHLETICS 33
  EXTRACURRICULAR 37
QUESTIONS AND ANSWERS 39
THE U. S. COAST GUARD 43
  MISSIONS OF THE COAST GUARD 46
  A YEAR IN REVIEW 49

APPENDICES

I. ACCREDITATION/COMMITTEES 51
II. CALENDAR 53
III. PERSONNEL 55
IV. MEDICAL REQUIREMENTS 57
V. PHYSICAL FITNESS STANDARDS 59
VI. 1992 CLASS DATA 63
VII. APPLICANT'S CHECK-OFF LIST 67

MISSION OF THE U.S. COAST GUARD ACADEMY

"To graduate young men and women with sound bodies, stout hearts, and alert minds, with a liking for the sea and its lore, and with that high sense of honor, loyalty, and obedience which goes with trained initiative and leadership, well grounded in seamanship, the sciences, and the amenities and strong in the resolve to be worthy of the traditions of commissioned officers in the United States Coast Guard in the service of their country and humanity."

THE ACADEMY PHILOSOPHY

The Coast Guard Academy is a college and more. Its graduates are well rounded professional men and women whose jobs are as diverse as their backgrounds. As qualified leaders, Coast Guard officers are often responsible for entire ships, aircraft and the lives of their coworkers. Each one possesses the ability to make decisions. For many, that training started at the Academy.

The educational philosophy of the Academy is three fold:

1. To provide a broad based undergraduate degree in a field of interest to the Coast Guard and the individual.
2. To provide the professional knowledge, skills, and experience for a cadet to assume duties as a Coast Guard officer upon graduation.
3. To provide an environment which encourages integrity, loyalty and obedience to each other and to the service.

Using these principles as guidelines, the four year curriculum has been designed to prepare the Academy's men and women for life in today's military. Each graduate holds a Bachelor of Science degree in one of the seven technical or professional majors and a commission as an Ensign in the United States Coast Guard.

> *"You get more than a college education here. It's tough, so you'd better be prepared to accept it mentally, physically, and spiritually."*
>
> *A Cadet*

After commencement, all new ensigns are assigned aboard Coast Guard cutters as deck watch officers or engineers with a variety of collateral duties. Their work might involve drug or alien interdiction, saving lives at sea or the defense of our country's maritime regions. During their second and third tours of duty, Coast Guard junior officers might command patrol boats, attend flight training or post graduate school. Some junior officers serve staff officer assignments which are also important support elements of the Coast Guard.

In any task, Coast Guard officers are expected to use their training and experience to serve their country and fellow man. For many Coast Guard officers their experience began at the Coast Guard Academy.

We are looking for mature, sensible young men and women who want to be educated leaders. Through the Academy's education and training programs, we develop qualities that ensure success in the military and civilian worlds. **This could be the key to success for your future.**

HISTORY OF THE ACADEMY

What is known today as the U.S. Coast Guard Academy had its origin in legislation dated 31 July 1876. However, it was not until May of 1877, when nine cadets reported aboard the U.S. Revenue Cutter J.C. DOBBIN, that the first cadet training program was literally underway.

The home port of DOBBIN was New Bedford, Massachusetts. Using the Mitchell Boat Company loft for classes, the Academy then was called the Revenue Cutter School of Instruction. As today, physical fitness and the study of math and the sciences were emphasized. The primary professional training was the summer cruise.

In 1878 SALMON P. CHASE replaced DOBBIN as the cadet training ship. After several unsuccessful attempts by the Secretary of the Navy to transfer the Revenue Marine to his department, the Revenue Cutter School was shut down in 1889. It remained closed until resurrected by President Cleveland in 1894.

The years 1894 to 1900 could be called the gypsy years because the School of Instruction consisted solely of underway training aboard the cutter CHASE. Not until 1900 did CHASE find a permanent homeport at Arundel Cove, Maryland, the site of the present Curtis Bay Coast Guard Yard .

Arundel Cove was the second site of a land-based Academy. There the Academy expanded to a three-class system. However, because of a need for better facilities, it was decided to search for another site. One was found in Fort Trumbull, located in New London, Connecticut.

The move to Fort Trumbull was completed in 1910. However, a third try to eliminate the Revenue Cutter Service was launched in 1911 by the Cleveland Commission; again unsuccessfully. Nonetheless, a bill was passed barring appointment of additional cadets to the Revenue Cutter School. By 1914, there were only five cadets at Fort Trumbull.

In 1914, with the outbreak of World War I, the Academy once again revived. A year later, the Life Saving Service and the Revenue Cutter Service merged to form the U.S. Coast Guard, and the Academy received its present name.

By 1922 the Academy needed to move again to accommodate the increased size of the corps. However, it was not until 1929 that money was appropriated to build the present Academy.

From 1931 to the present, the Academy continued to grow. In 1946, EAGLE was acquired. The chapel was built in 1952. The Sixties saw Chase Hall being enlarged to accommodate 1200 cadets. Johnson and Munro Halls were also built during this period. In 1967, Roland Field House was constructed, and in 1973, Waesche, Dimick and Smith Halls were added. The Visitor's Pavilion was built in 1977 and a major renovation was completed to modernize McAllister Hall in 1982. The addition of the Crew Rowing Center in 1981 and the Seamanship Sailing Center in 1984 completed the recent expansion of the Academy.

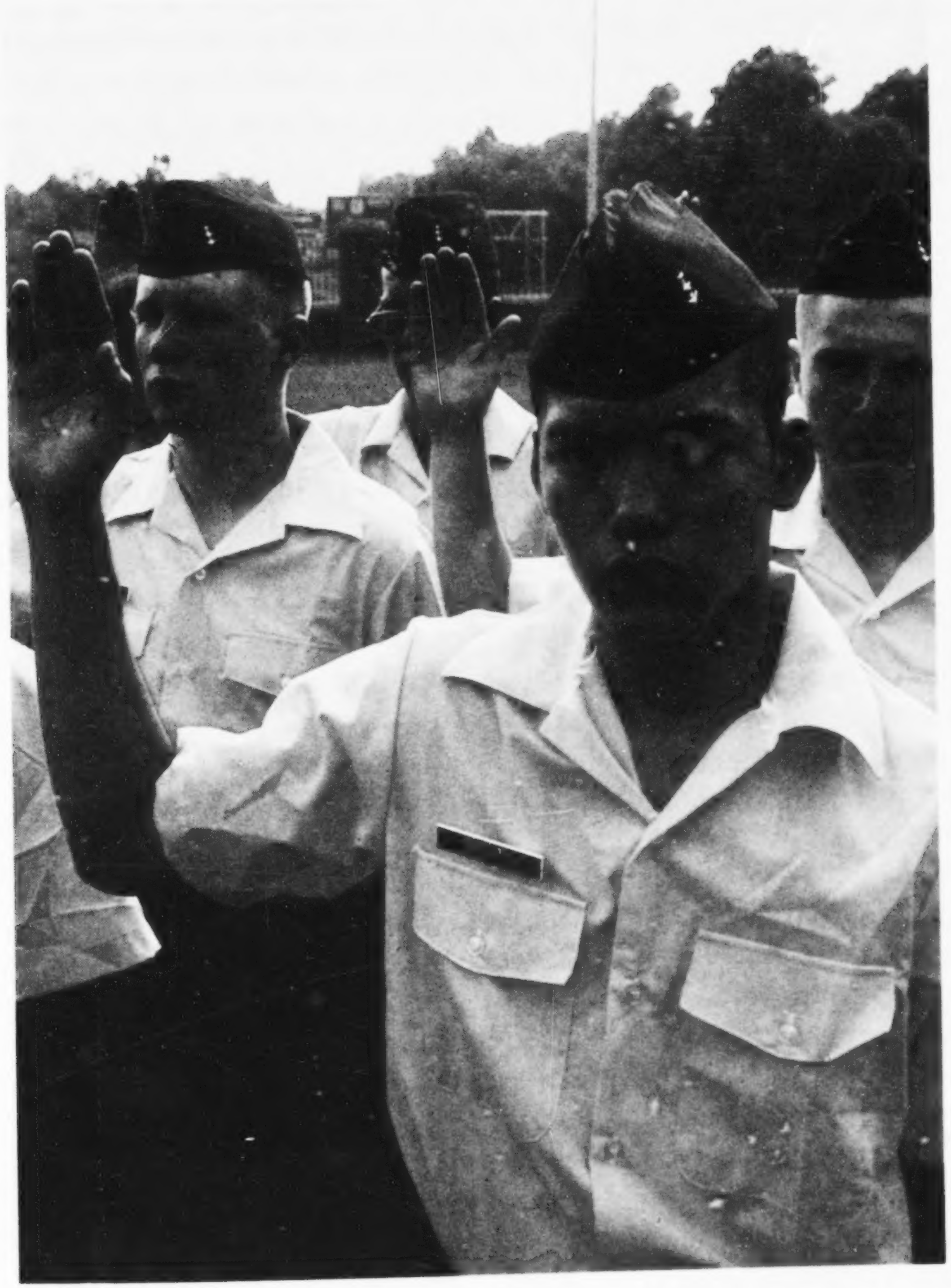
While the Academy has changed locations a number of times in its history, two things have not changed. One, cadets from the beginning were selected solely on the basis of merit. Two, honor, courage, devotion to duty, and high standards of professionalism have always been emphasized throughout the Academy's history.

But I know what I would say to any young person who told me they were torn between different careers. If they said they wanted to help people in distress, guard our boarders, conserve fisheries, battle drug smugglers, enforce maritime law, test their courage against stormy seas, defend America in times of war, and wear proudly each day the uniform of this great country - I would tell them, **"Join the Coast Guard."**

PRESIDENT RONALD REAGAN

COMMENTS TO THE GRADUATING CLASS OF 1988 AT THE COAST GUARD ACADEMY, 18 MAY 1988.

ADMISSION REQUIREMENTS



The Coast Guard Academy is the only federal service academy which tenders appointments solely on the basis of an annual nationwide competition. There are no congressional nominations, state quotas or special categories. All applicants, civilians or members of the Armed Forces, participate on an equal basis.

The competition for appointment as a cadet is based on high school class rank, performance on standardized tests (SAT or ACT), and leadership abilities and motivation as demonstrated by participation in high school extracurricular activities, community affairs, part-time employment and athletic abilities.

The competition is designed to select, on a fair and equally competitive basis, those students who are best qualified and most likely to succeed as cadets and officers in the Coast Guard. Graduation from the Academy and success as an officer depend on :

1. an adequate educational background.
2. being well-read and well-spoken in technical, social and cultural areas.
3. a sincere interest to serve in the Coast Guard.
4. personality and physical characteristics which enhance military adaptability.

HOW TO BECOME A CADET

A. APPLICATION PROCESS

1. The Application for Appointment as Cadet, U.S. Coast Guard is enclosed in this bulletin. It should be filled out completely and sent to:

DIRECTOR OF ADMISSIONS (tp)
U.S. COAST GUARD ACADEMY
NEW LONDON, CONNECTICUT
06320-4195

This form must be postmarked no later than **December 15** in order to be considered for the class entering the following July. Write to the above address if an application is not enclosed.

2. Upon receipt of the application form, the Admissions office will send you the following forms which must be completed and returned prior to January 15:

   a. request for transcript (grey)
   b. school officials evaluations (blue)
   c. coach evaluation (red)
   d. candidate record and essay (pink, purple)

3. All candidates for the Coast Guard Academy must take either the Scholastic Aptitude Test (SAT) or American College Testing Assessment (ACT). To register for either test, see your school counselor or write:

Registration Department
College Board Admissions Testing Program (SAT)
Box 592
Princeton, New Jersey 08540

Registration Department
American College Testing Program (ACT)
Box 414
Iowa City, Iowa 52243

You must bear all expenses connected with taking these examinations. The examination must be taken by December of the year you are applying. The Coast Guard Academy should be named as one of the colleges to receive the test scores. Our code number for SAT is 5807; the code number for ACT is 0600. Special SAT or ACT exams, which allow the student additional testing time or the use of resource aids, will not be accepted for our admissions purposes.

NOTE: Be certain that you have taken the exam or have registered prior to the deadline established by the testing agency for the December test administration. Scores from subsequent exam dates will not be accepted.

VISITING THE ACADEMY

Because of the unique environment at the Academy, we encourage all applicants to visit the campus and meet with faculty and cadets. Through exposure to cadet life, candidates can better know what to expect if appointed and will ultimately have a better chance for success.

Each Friday afternoon at 1:15 P.M., Admissions sponsors a presentation which includes a film, question and answer session and a tour of the grounds. Appointments for the program may be obtained by writing to the Director of Admissions or by calling (203) 444-8503 between 8 AM and 4 PM EST.

B. APPOINTMENT AS A CADET

Candidates for the Academy must possess qualities of honesty, dependability and perseverance. Additionally, physical stamina, coordination, courage, and self-confidence characteristics are evaluated in the selection process. Other personal qualities necessary in a candidate include emotional stability, alertness and the ability to live and work closely with others. The appointment process measures the extent to which a candidate can meet these requirements.

QUALIFYING FOR APPOINTMENT

Selection for the Academy is divided into two parts. The first part, the academic competition, comprises 60 % of a candidate's total score while part two, the evaluation of the candidate's total file by the cadet candidate evaluation board, is the remaining 40%. Applicants whose scores on required tests fall below the prescribed minimum test level will be eliminated from further consideration.

1. Academic Qualification - 60% (4800 points possible)

a. High school class rank
(2400 points possible)
b. SAT/ACT scores
(2400 points possible)

Determination of points:
SAT: Math x 2 — 1600 max
Verbal x 1 — 800 max
Total 2400 max
Minimum scores: 500 Math
950 Math +Verbal

ACT: Mathx3, Natural Sciencex2, Englishx1 (converted to a 2400 point scale by formula)
Minimum scores: 21 Math
40 Math + English

NOTE: To become a FINALIST and continue in the competition, you must have at least 3100 points. You are encouraged to take the SAT/ACT more than once. Point totals are determined from the highest scores achieved.

2. Cadet Candidate Evaluation Board - 40% (3200 points possible)

The Cadet Candidate Evaluation Board (CCEB) convenes each year in October. The Superintendent designates officers to evaluate candidates who have become finalists. The board members consider all the factors known to influence success as a cadet and officer. The Board's decision will be based on factual, objective information such as the following:

a. Motivation - the candidate's willingness to make the commitment and effort required to successfully complete the academic and military training requirements of the Academy.

b. Leadership - the candidate's demonstrated ability to effectively direct others in the accomplishment of important tasks through extra-curricular activities, part-time employment, community involvement, etc.

c. Personal Perspective - the candidate's reasons for pursuing an appointment. In addition, the Board looks to see if the applicant has revealed a thorough knowledge of the Academy programs, and if his/her educational and career goals match the opportunities offered through the Academy.

d. Academics - the difficulty level of courses taken by the applicant during high school studies, including a full program of college-bound math and science programs.

e. Physical Fitness - the candidate's ability to deal with the stressful environment and rigorous physical standards of the Academy.

f. Evaluations/Recommendations - how instructors, employers, coaches, and others rate the applicant as a prospective cadet and future Coast Guard Officer.

A candidate may add as much information in his/her application file as deemed necessary. This ensures the most thorough evaluation possible by the Board. The Board's judgement will be final and subject to review only by be final and subject to review only by order of the Commandant.

3. Offering Appointments

High school class rank score	2400
+ SAT/ACT score	2400
+ CCEB score	3200
PRINCIPAL SCORE	8000
	(total points possible)

Generally, a principal score of around 6400 is required for a Coast Guard Academy appointment. A 6100-6400 principal score usually qualifies an applicant for the alternate appointment list.

Candidates will be offered appointments in the order of their final scores until the vacancies for the year have been filled. An applicant who fails to receive an appointment may compete again in subsequent years without prejudice, provided the age and physical requirements are met.

The number of appointments tendered each year is determined by the Commandant of the Coast Guard and is based on the projected needs of the service.

NO WAIVERS OF EDUCATIONAL OR PHYSICAL REQUIREMENTS ARE GRANTED TO APPLICANTS.

ELIGIBILITY REQUIREMENTS

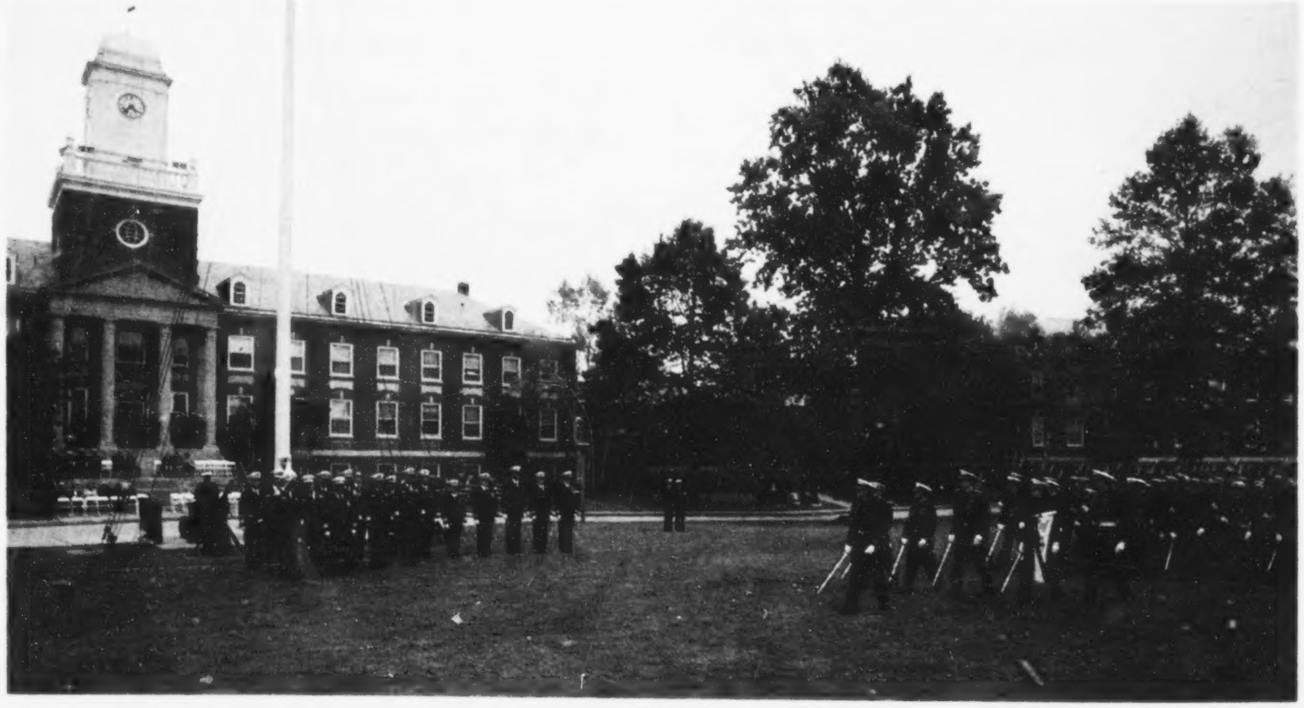
In order to be eligible to compete for an appointment, you must fulfill the following requirements:

AGE: You must have reached the age of 17, but must not have reached the age of 22, by July 1 of the year you are to be admitted as a cadet. If under 18 years of age, you will be required to furnish the written consent of parent or guardian before admission to the Coast Guard Academy.

CITIZENSHIP: You must be a citizen of the United States at the time of entry into the Academy. Foreign Nationals nominated by mutual agreement between the United States and their native country are exempt from this requirement.

MARITAL STATUS: A candidate must be unmarried at the time of appointment and have no legal obligation resulting from a previous marriage. Cadets are not allowed to be married while attending the Academy. If found to be so at any time before final graduation, that cadet shall be required to resign. Refusal to resign will result in dismissal.

CHARACTER: You must satisfy the Commandant of the Coast Guard as to your good moral character and standing in the community. Your background must demonstrate positive evidence of responsibility, trustworthiness, and emotional stability.



No person who has been dismissed or compelled to resign from any federal service academy for improper conduct is eligible for appointment as a cadet in the Coast Guard. No person whose discharge from any branch of the military service was under conditions other than honorable is eligible for appointment as a cadet.

I tried to explain Academy life to my friends from high school but I couldn't "
...Third Class Cadet to roommate

SCHOLASTIC REQUIREMENTS: A candidate must be a graduate of an accredited high school or preparatory school or be in actual attendance in the senior year at an accredited preparatory school or high school and have already completed three years' work at such a school. A candidate indicating prospective graduation from a preparatory school or high school must, as a condition of admission, satisfactorily complete the course of study no later than June 30. With the exception of courses completed by correspondence, for which credit has been granted by an accredited school, correspondence schools do not meet the requirements for "Accredited Schools." Certificates issued by correspondence schools will not be accepted. A total of 15 units obtained in high school, preparatory school, or college must be submitted.

The definition of a unit and of the ground covered by the designated subjects is as follows: A unit represents a year's study in any subject in secondary school. A 4-year secondary school curriculum should be regarded as representing 16 units of work. This statement is designed to afford a standard of measurement for the work done in secondary schools. It takes the 4-year high school course as a basis, and assumes that the length of school year is from 36 to 40 weeks, that a period is from 40 to 60 minutes in length, and that the study is pursued for 4 or 5 periods a week; but, under ordinary circumstances, a satisfactory year's work in many subjects cannot be accomplished in less than 120 sixty-minute periods or their equivalent. Schools organized on any other than a 4-year basis can, nevertheless, estimate their work in terms of this unit.

Required courses: The subjects listed below, comprising 6 units, are mandatory and are required for eligibility:

Mathematics (1), algebra to quadratics	1
Mathematics (2), quadratics and beyond	1
Mathematics (3), plane geometry	1
English 1,2,3	3
Total	6

Optional: Further evidence of adequate preparation, amounting to 9 units of optional subjects is required and may be offered from the following groups:

Mathematics
English 4
Social Studies (history, civics, sociology, citizenship, government)
Biological Science (biology, botany, physiology)
Physical Science (physics, chemistry, general science, geology, astronomy)
Foreign Language

A total of not more than 2 units credit will be accepted from any or all of the following groups:

Agriculture
Commercial Arithmetic
Commercial History
Commercial Law
Driver Education
Drama
Fine Arts
Industrial Problems
Journalism
Manual Training
Mechanical Drawing
Music
Occupations
Public Speaking

While not required, Solid Geometry, Trigonometry, Physics, Chemistry, Typing, and a fourth year of English are strongly recommended courses.

Academy Sailing Center

You must submit both high school and college transcripts. Because of the great variation in academic standards and credit requirements among schools, the Commandant reserves the right to evaluate each academic record on its individual merit. In general, college credits and high school credits from accredited institutions will be given the same weight for the same amount of work, and in no case will one semester of college work be considered equivalent to more than one unit of high school work.

The Commandant reserves the right to reject any applicant whose assigned grades create doubt as to his or her ability to successfully pursue the Academy course of instruction.

PHYSICAL APTITUDE: You must, by the last week of swab summer and semi-annually thereafter, qualify in physical aptitude as determined by a two-part examination. This examination measures neuro-muscular coordination, muscular power, speed and strength, cardiovascular endurance, and flexibility. The examination will consist of a number of tests such as: Pull-ups, sit-ups for two minutes; standing long jump; 300 yard shuttle run; 1.5 mile run. Candidates are advised to condition themselves physically by participation in a wide range of physical activities prior to arrival at the Academy. See Appendix V for more details.

DEPOSIT: A deposit of $1500 is required to defray initial clothing and equipment costs. Three hundred dollars of this sum is required at the time a candidate accepts a full appointment. The remainder is paid when the candidate reports to the Academy. The deposit or any portion of it may be waived in hardship cases.

INTERNATIONAL CADETS: Pursuant to Public Law 94-468, the Coast Guard Academy may admit up to 36 international cadets for training. The candidates must be nominated by their native country through the U.S. State Department. For further information on the admission of international cadets, please write to the Director of Admissions.

CADET LIFE

One of the primary goals of the Academy is to develop the leadership qualities and skills in all cadets that are necessary to assume the responsibilities and duties of commissioned Coast Guard officers. To achieve this goal, the Academy trains its cadets in all aspects of life. Thus, the environment at the Academy is more than pure academics and the teaching of professional skills. It is a living laboratory designed to develop an increased sense of honor, integrity, concern for fellow man and devotion to duty, which are expected of all commissioned officers.

During the first summer and academic year, you will be introduced to living and performing in a very regulated, supervised, and strenuous environment. As you advance in rank in the Cadet Regiment, your opportunities to lead other cadets increase. Of course, with the opportunity and authority to lead come added responsibilities. Your formal professional and leadership training includes a mix of academic courses, athletic activities, training lectures, summer programs and day-to-day interaction with seniors, peers, and subordinates. One of the first hands-on leadership experiences occurs during 2/c (junior year) summer. You will be the leader and teacher for the new entering class of cadets, and have the opportunity to put into practice those skills and concepts presented in class.

In addition to formal classroom work, leadership programs are conducted by Academy officers and senior enlisted staff members. During these programs, case studies are discussed with instructors who have worked in the Coast Guard and have firsthand knowledge of the challenges and responsibilities that await you upon graduation. The summer training cruises provide extensive practical experience as you work in the roles of petty officers or officers.

During your four years, you will also participate in varsity, junior varsity, intercompany sports, or other extracurricular programs. These activities offer another opportunity for displaying and developing sound leadership traits. The entire four years will be spent in a military environ-

WHO LIVES HERE
REVERES HONOR
HONORS DUTY

HONOR CONCEPT

Underlying the overall concept of military discipline is the Honor Concept. It is a basic, vital force in cadet life; cadets at the Academy are men and women of honor who neither lie, cheat, steal, nor attempt to deceive.

Training in the honor concept begins during swab summer and continues throughout the four years. Violations of the concept often result in severe punishment or disenrollment which reinforces the importance of integrity. Through the honor concept, cadets are expected to develop trust among themselves and their co-workers.

ment—one of accountability for your own actions, as well as for the cadets under your command. The total Academy experience is one which instills those traits and skills so necessary to be a leader in today's Coast Guard and in a rapidly changing, technically oriented society.

Cadet life is tough; make no mistake about it. The Academy is a military academy where you and every other cadet are subject to the Uniform Code of Military Justice, as well as an administrative disciplinary system prescribed in Cadet Regulations.

The nature of any military organization requires that each individual and each unit be responsive to orders from superiors. Learning to follow orders is absolutely essential to the smooth operational efficiency of the military organization. The discipline inherent in Academy life trains you for effective leadership and obedience to authority. You learn the meaning and spirit of leadership from both the point of view of receiving orders and giving them.

A DAY IN THE LIFE

It's a full life.

Your typical day begins at the crack of dawn, 6 AM, with reveille. You prepare for daily room inspection and breakfast. Daily inspections assure that your room is clean and orderly. Morning classes begin at 7:55 and continue until 11:45. Personnel inspection is held at the noon formation. Lunch is next, followed by afternoon classes from 12:50 to 3:35 PM. The hours between 3:35 and 6:45 are spent in intramural or varsity sports, extracurricular activities, and extra academic instruction for those cadets who need additional help. Dinner is at 6:45. Time between 7:00 and 8:00 is set aside for personal use, during which cadets may study or attend to personal matters. Study time is set between 7:00 and 10:00. Taps is at 10:00, but cadets may continue to study until midnight.

Saturday mornings are spent in professional training and indoctrination. During the fall and spring months, formal regimental parades and inspections are held on Friday afternoons.

Liberty, which means permission to leave the Academy grounds, is granted on Saturday afternoons and evenings, and again on Sunday. First class (senior) cadets are given liberty on Wednesday afternoons at 4:00 and all cadets, except fourth class (freshman) cadets, are granted liberty on Friday afternoons at 4:00. Civilian clothes are authorized on liberty for first and second class cadets. Cars may be maintained at the Academy by first class cadets only.

All cadets live on campus at the Academy. You share a room with another cadet and you are responsible for its cleanliness and neatness. Not every day in the life of a cadet is spent at the Academy. During the year, a cadet is usually granted 6 weeks of leave and long weekends which may be spent away from the Academy if he or she has no other military responsibilities.

THE ACADEMIC PROGRAM

The United States Coast Guard Academy recognizes that the majority of Academy graduates must have an engineering or scientific background to meet the needs of the Coast Guard. Present goals are to graduate at least seventy-five percent in the technical majors; engineering, sciences, and mathematics.

The Academy academic program, responsive to both the needs of the Coast Guard and the interests of the Corps of Cadets, currently consists of the following majors:

Civil Engineering
Electrical Engineering
Marine Engineering
Marine Science
Mathematical/Computer Science
Government
Management

During the first summer, all cadets are assigned to an academic advisor in their major interest area. On occasion, enrollment in a specific major may be limited. When such a condition arises, selection of those students desiring admittance into a major is made by the Dean of Academics based largely on the student's past academic performance. Throughout the four year academic program, the majors normally require a cadet to pass a core program in addition to those required by the major. As cadets progress in their four year sequences, they may select additional electives which allow them to pursue individual academic interests.

Extensive postgraduate opportunities exist within the Coast Guard after three to five years of active service as a commissioned officer. Postgraduate training is available in a wide variety of fields, based on the needs of the service. See page 44 for the listing of all programs currently available.

> *"I developed good study skills in high school which have helped me do well here academically. Many of my classmates are struggling, though."*
>
> *2/c Cadet on Dean's List*

THE ACADEMIC DIVISION

The Academic Division consists of several departments under the direction and supervision of the Dean of Academics: Engineering, Science, Computer Science, Mathematics, Economics and Management, and Humanities. The Professional Development department teaches Nautical Science under the direction of the Commandant of Cadets.

These departments are staffed by Coast Guard officers and civilian faculty members. The faculty of the Academy is unique. Collectively, it not only possesses the skills of the traditional college faculty, but also possesses the special skills needed for the training of cadets in the military and seagoing aspects for their careers as Coast Guard officers.

The courses presented by these experienced educators assure Academy graduates of a broad foundation in engineering, physical science, liberal arts and social sciences, and in those professional studies which specifically prepare graduates for their careers in the Coast Guard.

GRADUATION REQUIREMENTS

In order to satisfy the requirements for the award of the Bachelor of Science degree, a cadet must:

1.. Satisfactorily complete all core courses.
2. Complete a minimum of 126 credit hours, excluding physical education courses, while at the Academy.
3. Attain a cumulative grade point average of 2.00 or better.
4. Be in residence at the Academy for at least four academic years.
5. Maintain a high sense of integrity.
6. Meet the minimum swimming standards.

WHAT CLASSES ARE LIKE

The methods of instruction at the Academy are quite varied. Usually classes for core courses consist of 18-22 students, major required courses have as few as 12. Occasionally, the members of an entire year group will meet together for general lectures. In order to supplement its classroom instruction, the Academy faculty makes considerable use of pertinent audiovisual aids, laboratory exercises, a computer center, and library resources.

The normal periods of instruction are 50 to 75 minutes, with the lab periods extending from 2 to 3 hours, depending upon the subject. On Monday, Wednesday and Friday, there are four 50 minute morning periods and three 50 minute afternoon periods. The remainder of the morning is used for 50 minute exam periods or military drill. Tuesdays and Thursdays are devoted primarily to exams and laboratory time with 75 minute periods.

STANDARDS OF PERFORMANCE

All cadets are expected to maintain a satisfactory academic performance level. The minimum acceptable level is a cumulative grade point average of 2.00. Cadets falling below this minimum standard are, at the end of the semester, placed in a probationary status which depends on the specific performance level of the cadet.

The status of Academic Warning states that the cadet is having difficulty; that his or her performance is below what is expected and requires immediate and definite improvement.

The status of Academic Probation informs the cadet that he or she has failed academically, but has one semester to recover. He or she is relieved from

any requirement to participate in intercollegiate or intercompany sports. Further, extracurricular activities are curtailed for first, second, and third class cadets and eliminated for fourth class cadets.

The status of Academic Deficiency informs the cadet that he or she has failed academically and will normally be disenrolled from the Academy.

GRADES AND HONORS STANDARDS

The assigned grades for each course are based on the cadet's daily work over the 16-week semester and the individual's score on the final examination.

At mid-semester and at the end of each term, a grade point average is determined with H=4, A=4, B+=3.3, B=3, C+=2.3, C=2, D=1 and F=0. All cadets must obtain at least an average of 2.0 to graduate.

Many cadets strive for academic excellence because of the prospect of attaining the Honors or Dean's List and of receiving the additional privileges granted in conjunction with that achievement. "Honors" are awarded to cadets who achieve not less than a 3.15 grade point average, with no mark in any three credit hour course less than a C.

INDIVIDUAL ASSISTANCE AND ADVISING

The Academy has an extensive program of individual assistance and counseling to help each student achieve academic success. Each cadet is assigned an academic advisor in his or her major to assist the cadet in laying out his or her academic program and to advise the student as necessary.

Additional instruction is available whenever required. Academic assistance and guidance on an individual basis are provided by instructors and other staff members.

Counseling is available for the cadet to assist in understanding personal, vocational, educational and spiritual concerns. It is available at all times for the cadet to relate those concerns or problems which need to be resolved. Counseling, which is completely confidential, is provided by professional counselors who comprise Cadet Counseling and by the Academy's two Chaplains. Psychotherapy and counseling are also available through the Academy Health Services Division.

FACILITIES

COAST GUARD ACADEMY LIBRARY

The library, together with the U.S. Coast Guard Museum, is housed in Waesche Hall, which was opened in 1973. The library provides ample reading and study space for cadets and faculty.

The library's collection numbers close to 150,000 volumes, 560 current periodical subscriptions, and more than 40,000 units of Microfiche and microfilm. In addition an Audiovisual Study Center, with a collection of nearly 1800 video cassettes, recordings, and other media, provides a comfortable environment for the use of course related and recreational AV materials. A partial depository for U.S. government publications, the library maintains a separate collection of federal documents and law materials.

Subjects represented in the library's holding reflect the strengths of the Academy curriculum, with particular emphasis on marine studies and engineering. Specialized indexes are maintained to provide access to technical as well as to more general journals. Professional staff offer bibliographic instruction in the use of the library as needed and provide reference service five days a week, including several evenings. They also perform on-line literature searches for faculty and eligible upperclass cadets. Reciprocal agreements with nearby libraries considerably expand the material available to cadets and faculty. To obtain needed material not held locally, the inter-library loan service taps a national database of holdings in other libraries.

SCANTS

The Department of Professional Development incorporates SCANTS (Ship Control and Navigation Training System) into its nautical science curriculum. SCANTS uses classroom lectures, navigational plotting labs, 65 foot training vessels, a radar trainer, and a Bridge/Combat Information Center simulator to enhance all levels of the courses taught.

The radar trainer consists of eight Raytheon AN/SPS-64 radars, two of which are RAYCAS V automated radar plotting aid (ARPA) units. The radar trainer is used by first and fourth class cadets in their respective nautical science courses. The fourth class learn to apply the basic concepts of relative motion while first class learn rapid radar plotting, radar navigation and bridge team training.

The Bridge/CIC simulator consists of a 182 degree visual scene surrounding a life size ship's bridge. It was designed to simulate the shiphandling characteristics and hydrodynamics of high and medium endurance Coast Guard cutters. Fourth class cadets learn visual navigational lines of position and the effects of wind and current on a vessel's position. First class cadets practice their acquired visual piloting skills and apply the Rules of the Road employed by deck watch officers.

WRITING CENTER

Established to provide after hours instruction to anyone requesting assistance, the Cadet Writing Center is yet another valuable learning resource available to our students. Included at the center is instruction on improving reading comprehension and speed. The center is staffed by Academy faculty and trained tutors from Connecticut College who offer additional individualized instruction to cadets at all levels of ability.

ACADEMIC MAJORS

As previously discussed, the Coast Guard Academy curriculum has been developed to graduate educated and professionally trained young men and women officers. The Academy Academic Council frequently reviews and updates the curriculum as trends in education and the needs of the Coast Guard change. The Coast Guard Academy is accredited by the New England Association of Schools and Colleges. In addition, all engineering majors offered are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET).

Graduates who successfully complete the core program, major requirements, major area electives and related area elective of a selected major shall receive a Bachelor of Science degree in that discipline. Those cadets who do not complete major course requirements but who do pass the core program receive an undesignated Bachelor of Science degree.

Please note that the major programs and course descriptions listed are illustrative and are intended to apply specifically to the Class of 1993. Programs are dynamic and changes may occur without prior notification. Certain courses are offered selectively, based on sufficient enrollment and faculty availability. Each academic major program contains at least one free elective. There is a heavy emphasis on the quantitative courses in the areas of science, mathematics, and engineering. During the first three semesters, much of the academic emphasis is in these areas.

CORE PROGRAM OF REQUIRED COURSES

The following courses or their authorized substitutes must be completed successfully (or validated) in order to receive a degree:

1113	Intro to Engineering Design
1114	Applied Engineering Design
1320	Intro to Electrical Engineering
1461	Basic Naval Architechture
2111	English Comp and Speech
2123	Introduction to Literature
2241	History of the U.S.
2263	American Government
2281	General Psychology
3111	Calculus I
3117	Calculus II
3213	Probability & Statistics
5102	Chemistry I
5106	Chemistry II
5262	Physics I
5266	Physics II
5330	Oceanography
6112	Coastal Navigation
6114	Celestial Navigation
6345	Legal Systems
6416	The Deck Watch Officer
6418	The Division Officer
6447	Maritime Law Enforcement
7111	Intro to Computing
7113	Programming Fundamentals
8245	Organizational Behavior
8311	Economics

Authorized substitutions for core courses

The following substitutions for core courses are authorized for any major:

Course		**Substitution**	
1320	Intro to Electrical Engr	1220	Electrical Engineering
1461	Basic Naval Architecture	1342	Principles of Naval Architecture
8311	Economics	8215	Macroeconomic Principles

1. Other substitutions can be made only when the substitution is specifically authorized or required in a major program. Honors Calculus, Physics, and/or Chemistry may be substituted for the core requirement.
2. Directed studies may be substituted for any major requirement, major area elective, or related area elective with the approval of the major coordinator.
3. Major Area Electives offered for other year groups in the same major may also be used to meet the Major Area Elective requirements for this year group. However, the same course cannot be used in both the Major Requirement and Major Area Elective categories.

FIRST YEAR PROGRAM (generally the same for all cadets)

Fall Semester

1113 (7111)	Engineering Design **OR** Intro to Computing
2111	English Comp and Speech
3111	Calculus I
5102	Chemistry I
6112	Coastal Navigation
	Physical Education

Spring Semester

2123	Introduction to Literature
3117	Calculus II
5106	Chemistry II
6114	Celestial Navigation
7111 (1113)	Intro to Computing **OR** Engineering Design
	Physical Education

CIVIL ENGINEERING

POINT OF CONTACT:
PROFESSOR HOWARD DUNN
(203) 444-8537

The Civil Engineering major provides a diverse background for officers in a variety of Coast Guard missions. It also offers an excellent technical base to meet the challenges of a changing technology. The cadet who follows this program will be especially well prepared for professional practice and further study in civil engineering as well as many other related fields of engineering and management.

The Civil Engineering major gives a general background in mathematics and the basic engineering sciences. In addition, it requires in-depth study in areas of special interest to civil engineers; structural analysis, water resources, construction and environmental engineering. All courses within the major consider social relevance, developing a sensitivity to the problems of society and how the technical product will meet with community standards.

Typical Schedule

	3/c (Sophomore)	**2/c (Junior)**	**1/c (Senior)**
	Statics/Strengths of Materials	Material Science for C.E.	Reinforced Concrete Design
F	History of U.S.	Structural Analysis I	Waste/Wastewater Engineering
A	Multivariable Calculus	Fluid Mechanics	Interior Environmental Control
L	Physics I	Electrical Engineering	Deck Watch Officer
L	Organizational Behavior	American Government	Free Elective
	Physical Education	Physical Education	Physical Education
S	Dynamics	Electromechanics	Planning/Design of Construction Project
P	General Psychology	Steel Design	Basic Naval Architecture
R	Differential Equations	Structural Analysis II	Division Officer
I	Probability and Statistics	Soil Mechanics Foundations	Maritime Law Enforcement
N	Physics II	Legal Systems	Economics
G	Physical Education	Physical Education	Physical Education

ELECTRICAL ENGINEERING

POINT OF CONTACT:
CDR BENJAMIN PETERSON
(203)444-8541

The Electrical Engineering major is a program which provides a technical and professional background for the future officer through various Coast Guard missions. Graduates are able to understand basic engineering aboard ship and can opt for further study in electrical engineering if desired.

This program emphasizes design, analysis and applications of electronic systems. A thorough background in the latest solid state devices and techniques, together with an abundance of mathematics and science courses, prepares students with the tools to pursue various interesting design and synthesis projects in electronics or interdisciplinary areas. Additionally, the program permits considerable latitude for postgraduate study in electrical or electronics engineering and related engineering fields.

Typical Schedule

	3/c (Sophomore)	**2/c (Junior)**	**1/c (Senior)**
FALL	Electrical Engineering I	Linear Circuits	Antennas and Propagation
	History of the United States	American Government	Communication Systems
	Differential Equations	Probability and Statistics Applied	Major Area Elective
	Physics I	Oceanography	Maritime Law Enforcement
	Organizational Behavior	Major Area Elective	Deck Watch Officer
	Physical Education	Physical Education	Physical Education
SPRING	Statics/Strengths of Mats	Digital Design	Electromechanics
	Electrical Engineering	Automatic Controls Systems	Systems Design/Synthesis
	General Psychology	Semicodnuctor Phyiscs	Basic Naval Architecture
	Multivariable Calculus	Legal Systems	The Division Officer
	Physics II	Economics	Free Elective
	Physical Education	Physical Education	Physical Education

MARINE ENGINEERING

POINT OF CONTACT:

DR. BRUCE GATHY (203) 444-8535
LT BRUCE MUSTAIN (203) 444-8678

The Marine Engineering major provides an undergraduate educational program with an excellent technical base to meet the challenges of changing technology. It furnishes a broad background for Coast Guard officers in many fields such as Ship and Boat Design, Ship Construction and Repair, Merchant Marine Safety, Boating Safety, Marine Environmental Protection, Ocean Engineering, Research and Development, Ocean Operations, and Aids to Navigation.

The program focuses on ships and their design; therefore graduates are especially well prepared for professional practice in the fields of Naval Architecture, Marine Engineering, Mechanical Engineering, and Ocean Engineering. The major also provides a sound background for further study in other fields of engineering, management, aviation, and in other areas.

Typical Schedule

	3/c (Scphomore)	**2/c (Junior)**	**1/c (Senior)**
	Statics/Strengths of Mats	Electrical Engineering I	Priciples of Ship Design
F	History of the United States	Fluid Mechanics	Ship Propulsion Design
A	General Psychology	Probability and Statistics	Oceanography
L	Physics I	Thermodynamics	Maritime Law Enforcement
L	Multivariable Calculus	Legal Systems	Deck Watch Officer
	Physical Education	Physical Education	Physical Education
S	Matl Sci for Marine Engrs	Electromechanics	Ship Design/System Integration
P	Dynamics	Principles of Naval Arch	Economics
R	American Government	Shipboard Energy Systems	The Divison Officer
I	Differential Equations	Engr Experimentation	Major Area Elective
N	Physics II	Organizational Behavior	Free Elective
G	Physical Education	Physical Education	Physical Education

MARINE SCIENCE

POINT OF CONTACT:

PROFESSOR DOUGLAS TOLERLAND (203) 444-8632
CDR WAYNE GRONLUND (203) 444-8656

The Marine Science major provides a specifically structured curriculum that provides a thorough undergraduate program in the environmental sciences. Its graduates will have a solid, well-balanced foundation for post-graduate study in any marine-related area or virtually any other discipline which would be enhanced by a technical background.

Course topics deal with meteorology and the various physical aspects of the ocean. Specific topics include the study of tides, winds and waves and their effects on oceans and coastal areas, biological productivity and the problems and types of marine pollution. Search and rescue problems, environmental protection, and marine fisheries are emphasized especially as they apply to the Coast Guard's statutory missions.

Typical Schedule

	3/c (Sophomore)	2/c (Junior)	1/c (Senior)
	General Psychology	Intro to Electrical Engineering	Coastal Oceanography and/or
F	Multivariable Calculus	History of United States	Hazardous Materials and/or
A	Marine Geology	Probability and Statistics	Marine Fisheries
L	Physics I	Dynamic Oceanography and/or	Maritime Law Enforcement
L	Meteorology	Organic Chemistry and/or	Deck Watch Officer
	Physical Education	Bio/Chem Oceanography	Free Elective
		Physical Education	Physical Education
S	Differential Equations	American Governament	Basic Naval Architecture
P	Physics II	Economics	Remote Sensing
R	Marine Biology	Advanced Dynamics and/or	Division Officer
I	Physical Oceanography	Analytical Methods and/or	Polar Oceanography
N	Organizational Behavior	Marine Pollution	Free Elective
G	Physical Education	Legal Systems	Physical Education
		Physical Education	

MATHEMATICAL/ COMPUTER SCIENCES

POINT OF CONTACT:

PROFESSOR E. J. MANFRED
LT MARK CASE
(203) 444-8395/0

The Mathematical and Computer Sciences major provides a broad based education for its graduates. In this major, the relationship of mathematics to computing and to computers is emphasized. The Coast Guard has, and will continue to have, a need for officers who have a thorough understanding of mathematics and computer techniques, and of their use in technical, managerial and military application.

In conjunction with such related areas as engineering, physical science, psychology, information science, and management, this program will provide an excellent undergraduate education and will be especially suited for postgraduate education in these fields.

The required courses in mathematics and computer science provide a foundation and breadth of education, while concentration and elective courses establish depth of learning and allow specialization in either area.

Typical Schedule

	3/c (Sophomore)	**2/c (Junior)**	**1/c (Senior)**
	Organizational Behavior	American Government	Adv Calc or Sys Analysis
F	Multivariable Calculus	Linear Algebra	Economics
A	Discrete Math Functions	Probability and Statistics Applied	Major Area Electivel
L	Physics I	Data Structures	Maritime Law Enforcement
L	Computer Organization	Major Area Elective	Deck Watch Officer
	Physical Education	Physical Education	Physical Education
S	Differential Equations	Intro to Electrical Engineering	Basic Naval Architecture
P	Physics II	Software Engineering	Oceanography
R	History of United States	Math Statistics or Cognitive Sys	Division Officer
I	General Pyschology	Major Area Elective	Num Anal or Decision Support Sys
N	Technical Programming	Legal Systems	Free Elective
G	Physical Education	Physical Education	Physical Education

GOVERNMENT

POINT OF CONTACT:
LCDR JOSEPH B. EGAN (203) 444-8370
DR GWENDOLYN STEVENS (203) 444-8361

The Government major is a program which provides a well-rounded undergraduate education. Graduates of this major will be prepared for advanced study in law, public administration, public and international affairs, and other related fields of interest to the Coast Guard.

This program is intended to provide future officers with an opportunity for extended study of both western and non-western historical backgrounds, governmental political institutions, political processes and public and international affairs.

Typical Schedule

	3/c (Sophomore)	2/c (Junior)	1/c (Senior)
FALL	General Psychology	Modern Europe	Basic Naval Architecture
	History of the United States	Comparative Politics	National Security Policy
	Probability & Statistics	Oceanography	Deck Watch Officer
	Physics I	Legal Systems	Related Area Elective
	Economics	Major Area Elective	Free Elective
	Physical Education	Physical Education	Physical Education
SPRING	American Foreign Policy	Intro to Electrical Engineering	US Maritime Hist & Pol
	American Government	Humanities in World Literature	Maritime Law Enforcement
	Social Science Methodology	Western Political Theory	Division Officer
	Physics II	International Relations	Major Area Elective
	Organizational Behavior	Related Area Elective	Free Elective
	Physical Education	Physical Education	Physical Education

MANAGEMENT

POINT OF CONTACT:
LT ROBERT ALBRIGHT (203) 444-8339

All of the career fields and officer assignments within the Coast Guard require personnel, financial, and material management. The Management Major provides excellent preparation to meet the demanding and varied roles of Coast Guard officers. It also prepares cadets for their future supervisory and managerial roles by building upon the disciplines of economics, the behavioral sciences, and mathematics. The program prepares graduates for further study in financial management, operations research, personnel management, law, economics, transportation, business administration, and public administration.

Typical Schedule

	3/c (Sophomore)	**2/c (Junior)**	**1/c (Senior)**
	General Psychology	Legal Systems	Basic Naval Architecture
F	History of the United States	Managerial Economics	Intro to Electrical Engineering
A	Probability & Statistics	Financial Accounting	Deck Watch Officer
L	Physics I	Quantitative Methods	Personnel Management
L	Macroeconomic Principles	Major Area Elective	Major Area Elective
	Physical Education	Physical Education	Physical Education
S	Microeconomic Principles	Oceanography	Strategic Management
P	American Government	Macroeconomic Theory	Maritime Law Enforcement
R	Organizational Behavior	Econometrics	Division Officer
I	Physics II	Financial Management	Major Area Elective
N	Free Elective	Operations Research	Free Elective
G	Physical Education	Physical Education	Physical Education

THE MILITARY PROGRAM

When you enter the Academy, you become a member of the Corps of Cadets, which provides you the opportunity to develop leadership qualities in preparation to becoming a commissioned officer.

Under the supervision of company officers, the Corps of Cadets is self-governing with cadets given responsibility and authority. The Regimental Commander, under the direction of the Commandant of Cadets, administers the daily routine of inspections, formations, watches, military appearance, and performance of the Corps of Cadets.

Experience in military command is gained daily by the three upper classes in the exercise of their individual responsibilities within the regiment. Additional experiences in leadership are gained through extracurricular activities and during summer cruises. The variety of situations experienced prepares cadets for life as junior officers aboard ship.

Unlike students at colleges, Coast Guard cadets must participate in a program of military training and discipline administered by upperclass cadets and officers. Prompt obedience to orders is required; cadets are subject to the Uniform Code of Military Justice at all times .

The way cadets budget their time is extremely important. In addition to maintaining satisfactory grades in all subjects, they must demonstrate by their conduct and participation in cadet corps activities, that they have the qualities of character and leadership required of future officers.

Obviously, the Coast Guard Academy is not for everyone. Many highly qualified young men and women are well advised to go elsewhere for higher education. If you are thinking of trying for an appointment, you should be honest with yourself concerning your motives and your abilities to undertake a program which includes rigorous physical conditioning and a disciplined, military environment.

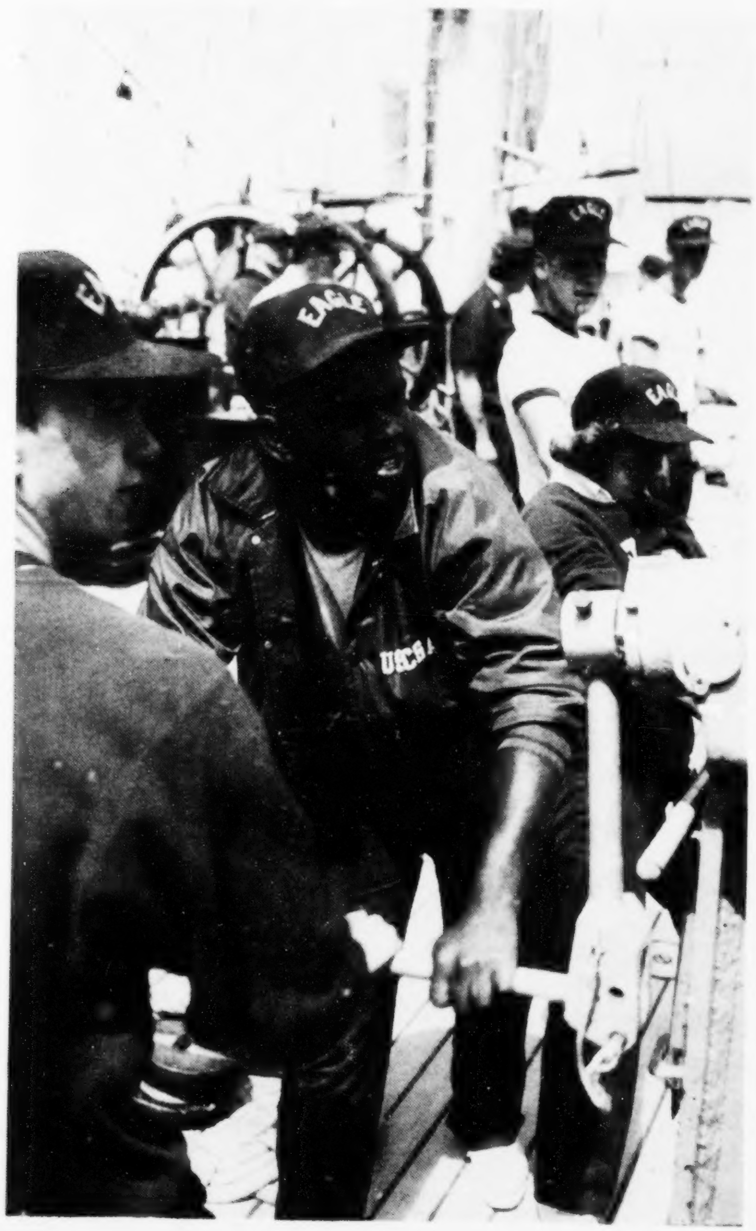
THE MILITARY LIFESTYLE

The Academy provides a four year program of training and education. The four class system, which increases your authority and responsibilities each year, is the basis for a pyramidal chain of command.

The first of these years, fourth class or "swab" year, is probably the most difficult. You carry a full academic load, undergo intensive military indoctrination, and you learn to follow orders from commissioned officers and upperclass cadets.

There are a number of rules for behavior which help you make the transition from civilian to military life. These rules teach self-control, discipline and respect for authority, which is essential to a successful career as an officer. To make this transition as effective as possible, you report to the Academy, for the period known as Swab Summer, seven weeks prior to the start of the fall academic semester.

Each class thereafter is given increased authority and command responsibility. Cadets are evaluated periodically on their military adaptability and performance. The top 25% of each class are recognized by being placed on the Commandant of Cadets List. With this recognition comes additional privileges and honors. Eventually, a select few cadets in each class will serve as the Regimental Commander.



PROFESSIONAL TRAINING

Professional and military training does not end with the academic courses and Saturday morning orientation period. Between Commencement Day and Labor Day, with time out for a few weeks leave, you will spend your summers putting what you have learned during the academic year to practical use. Training cruises may take you to many of the historic ports of the world, a fabulous experience not many young people receive during their college years.

You'll get professional training at various service training centers and work with operating units to enhance your professional competence. Learning to navigate, give commands, and become an integral member of a ship's crew are all a part of what each cadet experiences during the variety of summer programs.

> *"...when EAGLE's under full sail, and the wind's crackling every line, you realize the importance of each person and you wouldn't trade places with anyone in the world..."*
>
> *A Cadet's letter after a summer cruise*

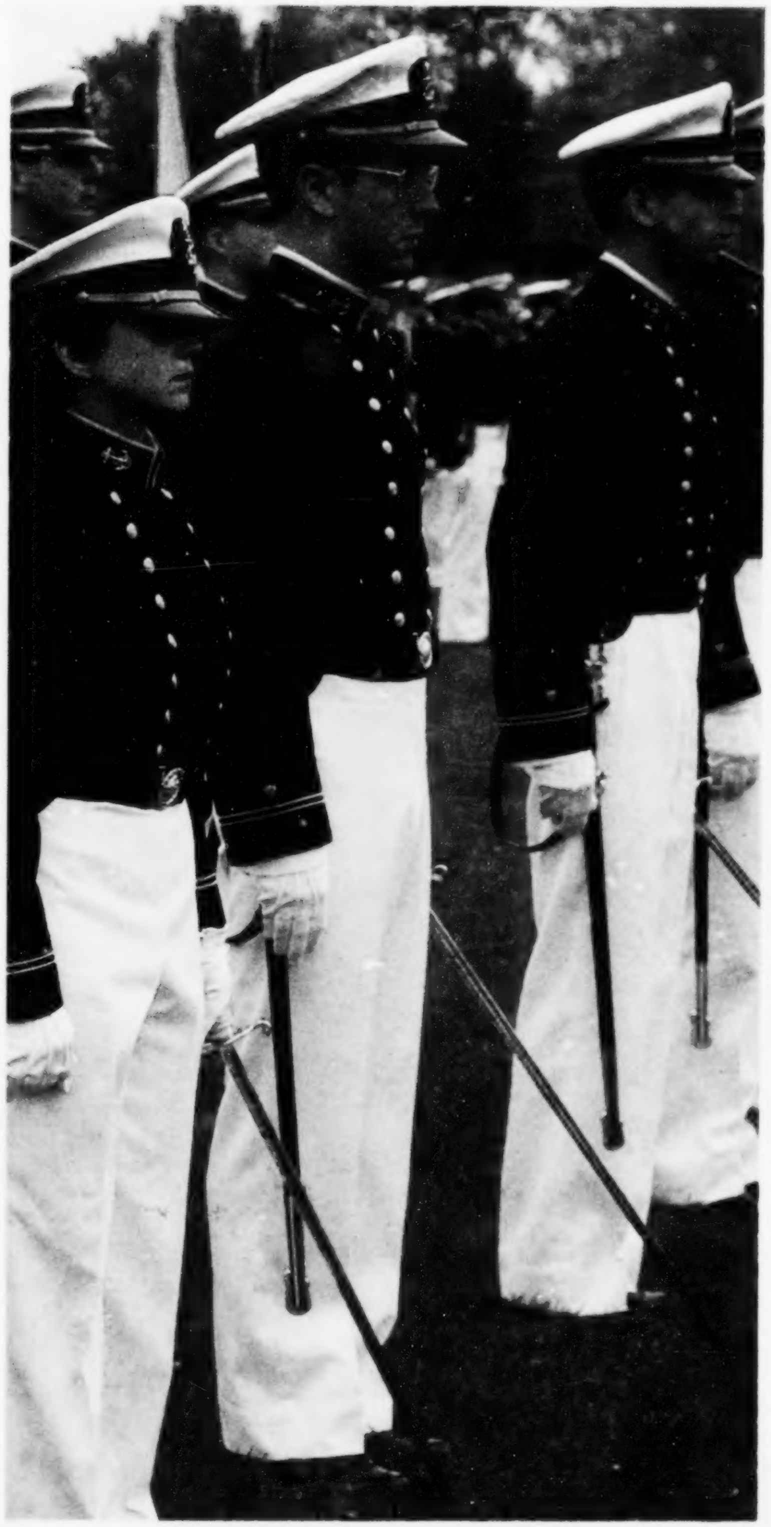
One of the training ships making summer cruises is the three-masted barque EAGLE. Cadets normally sail a minimum of nine weeks on EAGLE prior to graduation. EAGLE has a diesel engine, electricity, air conditioning, the ability to make fresh water, the latest electronic devices for navigation and operation, and all the conveniences of modern ships.

Also participating in training cruises are several of the larger Coast Guard cutters. Cadets augment the regularly assigned crews and participate in all of the missions of the cutter, from search and rescue to the enforcement of drug and fisheries laws. You will stand watches on the bridge, in the engineroom, in the combat information center and will have an opportunity to qualify to fill various positions held by crewmembers. You'll receive hands-on training in gunnery and firefighting procedures; all learning experiences which are designed to enhance your ability and knowledge as a junior officer.

During your first summer as a fourth class, known as Swab Summer, the emphasis is on indoctrination. In a sense, it is similar to boot camp. You take courses in all phases of military activity. You will be required to pass a physical fitness and swimming test. If you are not in shape when you arrive for swab summer, you will find the summer even more difficult. Heavy stress is placed on physical fitness and competitive sports. The highlight of this first summer is a one-week cruise aboard EAGLE.

As a third class (3/c) cadet, your summer will be spent at sea aboard EAGLE for five weeks and at a variety of one week programs that give you hands-on training in sailing, seamanship, navigation, small arms handling, damage control and fire fighting. Use of the Academy's numerous small craft, including sailboats, small power boats and 65 foot tugboats is maximized in this training. Also utilized is the newly installed Ship Control and Training System (SCANTS) which is a computerized visual simulator of a ship's bridge. Aboard EAGLE you will be filling the role of a junior or senior petty officer as a functioning member of the crew. You may have the opportunity to travel to many American, Caribbean, European, or other exciting ports around the world.

During either your 3/c or 2/c summer, you will spend several weeks at an operational Coast Guard Search and Rescue Station, a Marine Safety Office, an Environmental Response Strike Team, or on a Coast Guard Patrol Boat and will participate in two weeks of CG aviation orientation. Cadets study basic theory of flight, operational employment of aircraft and search and rescue planning. You have an opportunity to actually handle the controls, navigate aircraft, visit the "dunker", receive water survival training, and experience the problems faced by pilots firsthand.



As a second class cadet, you will sail EAGLE for five weeks in a senior petty officer role, spend two weeks sailing on the Academy's 44-foot Luder yawls, attend a one week Leadership School, and help in the training of the incoming 4/c cadets. You may also participate one of the Boy's or Girl's State programs throughout the country.

During the first class summer program, you will spend ten weeks aboard a Coast Guard cutter where your role will be as a junior officer afloat. This participation in actual Coast Guard operations will help prepare you for your duties after graduation.

"This is the best day of my life. I was honored to shake hands with the President --- I can't wait to report to my ship and use what I've learned here!"

A New Ensign after Graduation

THE ATHLETIC PROGRAM

Athletic competition is a daily part of cadet life. Physical strength, endurance, agility, and competitive spirit are as important as academic study and military training for future Coast Guard officers. Because of this, the physical education program at the Academy is designed to ensure that cadets are "young men and women with sound bodies, stout hearts and alert minds."

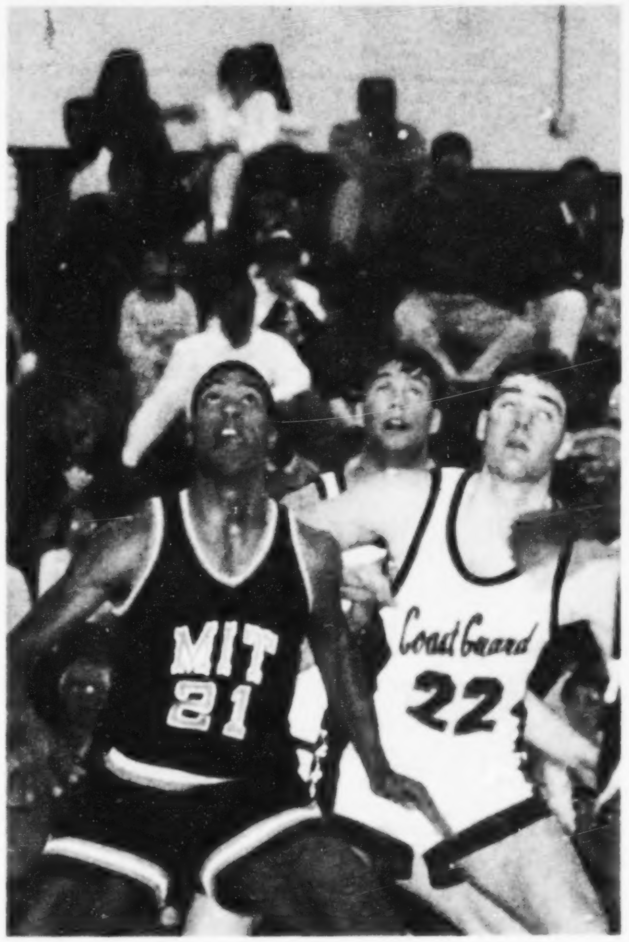
Three requirements define the objectives of the physical education program. First, all cadets must satisfy the established physical fitness standards. Second, a comprehensive academic program in physical education is required. Finally, each cadet must participate in intercompany and/or intercollegiate sports competitions two of three sports seasons.

PHYSICAL FITNESS

Swimming and fitness evaluations will be administered upon entry and weekly throughout swab summer. Additionally, cadets are required to pass a physical fitness examination semi-annually. Minimum swimming standards must be met prior to graduation.

Most appointments to the Academy are presented to students who have participated on organized athletic teams in high school. However, some students do not continue to stay in shape prior to reporting to the Academy. Many injuries occur during Swab Summer to cadets who are not physically prepared for the grueling physical exertions demanded.

The Coast Guard Academy athletic staff recommends you come to the Academy in top notch physical condition. Take the physical fitness test listed in Appendix V to see where you fit in. Strengthen your upper body and your cardiovascular system. Design a workout program and stick to it. It increases your chance for success at the Academy.



> *"Playing sports at CGA provides me a chance to let off steam and get to know other cadets in an informal atmosphere."*
> *4/c Cadet*

PHYSICAL EDUCATION

Every cadet, as part of the prescribed curriculum, is required to take physical education courses each semester. Courses are offered in developmental, recreational, and professionally oriented subjects. Courses offered include:

Survival at Sea
Advanced Swimming
Advanced Lifesaving
Physiology of Fitness
Fundamentals of Conditioning
Gymnastics
Personal Defense I
Personal Defense II
First Aid/CPR
Golf
Tennis
Racquetball

COAST GUARD
20

FACILITIES

Roland Hall, a five-story field house, is equipped with three basketball courts, a six lane swimming pool with both high and low diving boards, five racquetball courts, over an acre of enclosed space in which track meets, tennis matches, and preseason baseball and softball practices are held, and a fully equipped and professionally staffed training room.

Connected to Roland Hall is a second athletic building, Billard Hall, which has a wrestling room, weight room, basketball court, gymnastics area, swimming pool, and saunas.

Cadet Memorial Stadium, which seats 4500 was built in 1932 and renovated in 1980. It has excellent lighting and is used for football and night soccer games.

The campus grounds are equipped with eight tennis courts, various lined fields for outside sports, outdoor track and field facilities, pistol and rifle ranges, and baseball and softball fields.

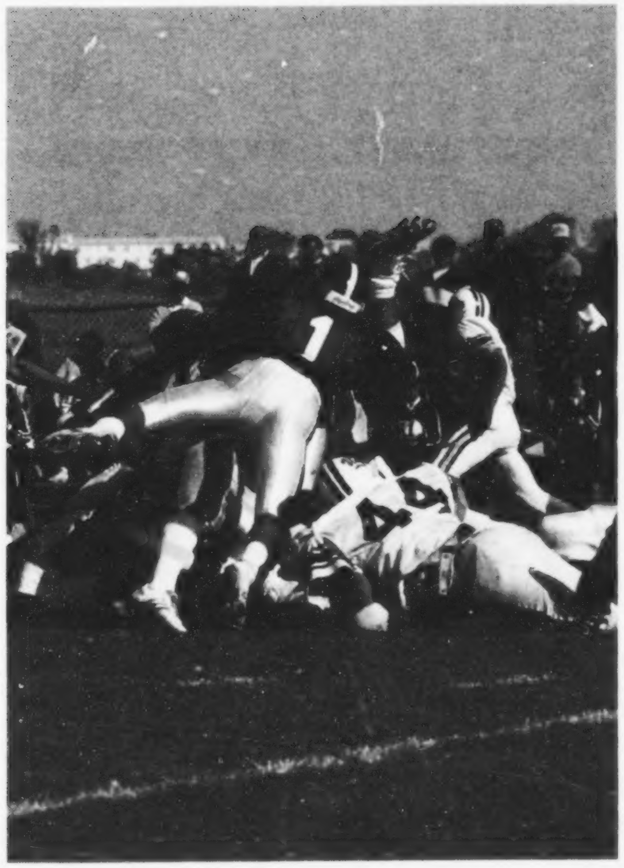
The waterfront facilities are among the finest in the nation. The Rowing Center, constructed in 1982, has a 16 person practice rowing tank and houses a complete inventory of racing shells. The Seamanship-Sailing Center, completed in 1984, has fully equipped locker rooms, boat repair spaces, and team meeting rooms to support the Academy's modern fleet of intercollegiate and recreational sailboats and yachts. The Seamanship-Sailing Center also provides spectators with an excellent vantage point from which to watch crew and sailing races.

INTERCOLLEGIATE SPORTS

The Academy, as a member of the NCAA, the New England Intercollegiate Athletic Association and the Eastern Collegiate Athletic Conference, competes with many other member colleges. Cadets are required to participate in two intercollegiate or intramural sports during the year. Through these experiences, the valuable lessons of teammanship and comraderie are learned.

Each sport has a designated head coach who is committed to the athletic excellence of the cadets. During the application process, you are encouraged to contact the coaches listed on the next page for additional information. If you have questions, feel free to write them at:

Name of Coach
U.S. Coast Guard Academy
New London, CT 06320-4195



INTRAMURAL SPORTS

Unless a member of an intercollegiate team, each cadet must participate in intramural competition during the academic year. Games are held at least twice a week.

Fall:	Clawball, sailing, softball, touch football.
Winter:	Basketball, pistol/rifle, racquetball, swimming, track, volleyball, wrestling.
Spring:	Flickerball, sailing, soccer, softball, tennis.

Men Sports	Coach
Baseball	Don Pinhey
Basketball	Dr. Hallie Gregory
Crew	James Dietz
Cross Country	Steve Eldridge
Football	Tom Bell
Soccer	Dr. Raymond Cieplik
Swimming	Charles Dennis
Tennis	Charles Lavarini
Track, Indoor and Outdoor	Larry Rutledge
Wrestling	Steve Eldridge

Coed Sports--Coach

Pistol
    LT Joe Castillo
Rifle
    LT Dave Watkins
Sailing
    Larry White

Women Sports	Coach
Basketball	Debra McCulloch
Crew	James Dietz
Cross Country	Leroy Falconi
Softball	LCDR Tom Haas
Track, Indoor	Geoffrey Cardinali
Volleyball	Debra McCulloch

EXTRACURRICULAR ACTIVITIES

Cadet Musical Activities

Cadets find an outlet for their musical talents, whether vocal or instrumental, in a strong musical activities program. "Pride in Performance" is the creed of those who are willing to dedicate the time and effort necessary to achieve a high standard of musical excellence.

The instrumental music program at the Academy spans activities from Brass Ensembles at the chapel to Rock Bands at mixers. The nucleus of the program is the Regimental Band. Cadets are assigned to this traditional marching band which provides the musical support for cadet regimental drill and ceremonies. It also represents the Academy in parades and special functions such as the Macy's Thanksgiving Day Parade and Presidential Inaugural Parades. The Windjammers Drum and Bugle (D&B) Corps performs at halftime shows for the football team, hosts an annual invitational marching band competition and is seen at field competitions and parades in several eastern states. The Windjammers have also performed at Inter-Service Academy D&B competitions and at professional football games. Other smaller groups which perform a variety of musical styles include a jazz band (The Nitecaps), a pep band and a pop/rock band (Long Island Sound). Various brass ensembles, quartets, quintets and solo performances round out the instrumental music program.

Vocally, cadets also have opportunities to express themselves. The Idlers and Icebreakers, male and female singing groups respectively, perform frequently at various Academy functions and often appear at other colleges and prestigious events in Washington, D.C. and New York City. They have also performed on national television.Cadets may also join either Protestant or Catholic Choirs and participate in the yearly musical production or talent show.

If you would like additional information, write:

Director, Cadet Bands or Director, Vocal Music
U.S. Coast Guard Academy
New London, CT 06320-4195

Cadet Trick Drill Team

Cadets have the chance to improve military rifle and drill skills in this activity. The drill team practices and performs for many parades and other military competitions. Participants travel to many cities and have opportunities to meet college students and members of other services.

Genesis Club

Cadets who participate in this club are interested in increasing cultural awareness. Distributing food to the local needy and participating in exchanges with other colleges are included in Genesis activities. Each year, Genesis sponsors Eclipse Weekend which, through a variety of social activities, exposes cadets and other community members to ethnic experiences. In addition to the activities, the club provides tutorial assistance and an important support network for its members.

Political Affairs Association

Sponsored by the Humanities department, the club brings stimulating lecturers and guests to the Academy each year. One of the years highlights, a trip to Washington D.C., includes tours of Congress and the Supreme Court. Through this association, cadets are exposed to a variety of current political thoughts and ideas.

Officer Christian Fellowship

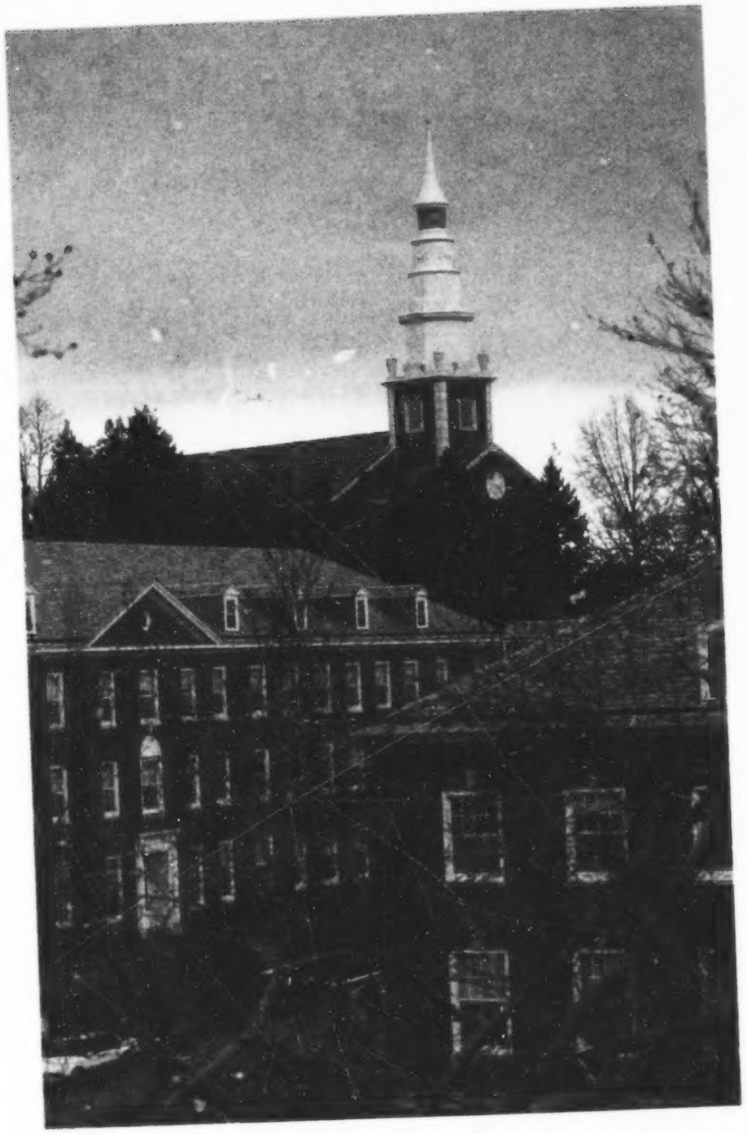
Cadets in OCF are provided a religious network with other cadets and members of the local community. Two weekend retreats are sponsored each year along with a variety of trips to other church functions in New England.

Hockey Club, Lacrosse Club

Participants in these clubs have interests in playing the sports which the Academy does not offer as a varsity sports. Cadets organize games with other schools and competitions are well attended. Membership, however, does not give credit for intercollegiate or intramural participation.

Howling Gale (magazine), Tide Rips (yearbook)

These organizations offer cadets the chance to work with writing, editing and publishing skills. Participants are given the opportunity to completely organize and design these publications. Howling Gale is issued bi-monthly, Tide Rips is an annual production.



There are other clubs in addition to those listed here which cater to cadets from all corners of the country with a wide variety of interests. Participation is always voluntary.

Professional Societies

Society of Naval Architects and Marine Engineers (SNAME)
American Society of Civil Engineers (ASCE)
Institute of Electrical and Electronics Engineers (IEEE)

Together, these organizations afford students the opportunity to learn more about their areas of interest, take field trips and develop professional contacts. Each club is a chartered branch of the parent national organization.

QUESTIONS AND ANSWERS

Q. Who can apply to the Academy?
A. Any man or women who, on July 1 of the year of admission is a citizen of the United States, unmarried, at least 17 years of age but has not reached his or her 22nd birthday, and is of good moral character may apply to the Academy.

Q. Do I need a nomination from my congressman or senator?
A. No. The Coast Guard Academy is the only federal service academy which does not require a political nomination or appointment. There are no geographical quotas involved. Admission is based strictly on a nationwide competition.

Q. How many people apply? How many are selected?
A. Each year the Academy receives approximately 5000 applications from men and women around the nation. The size of the group that finally enters the Academy is approximately 290, making the Coast Guard Academy one of the most selective colleges in the country. Don't be discouraged by the numbers; only about 3000 students complete all the required application forms. Of those that meet our minimum requirements, about 500 are offered appointments. About 40% decline and go to other colleges, universities or service academies. Therefore, if you meet our minimum requirements and complete all forms, your chances of receiving appointment are about one out of five.

Q. Can women attend the Academy?
A. Yes, women have been at the Academy since June 1976. Women undergo the same academic, leadership and professional training as their male peers. The physical fitness program for women is similar, with some areas designed to best suit the feminine capabilities.

Q. Do women live separately from the men? Will I be allowed to wear make-up?
A. Women are fully integrated into the cadet corps. Separate bathroom facilities are provided in each wing area. Hair length for women cadets is short, off the collar which facilitates easy care. Cosmetics and jewelry are limited along with wrist watches, small gold post earrings and minimal make up. In all other aspects, the roles of men and women are identical.

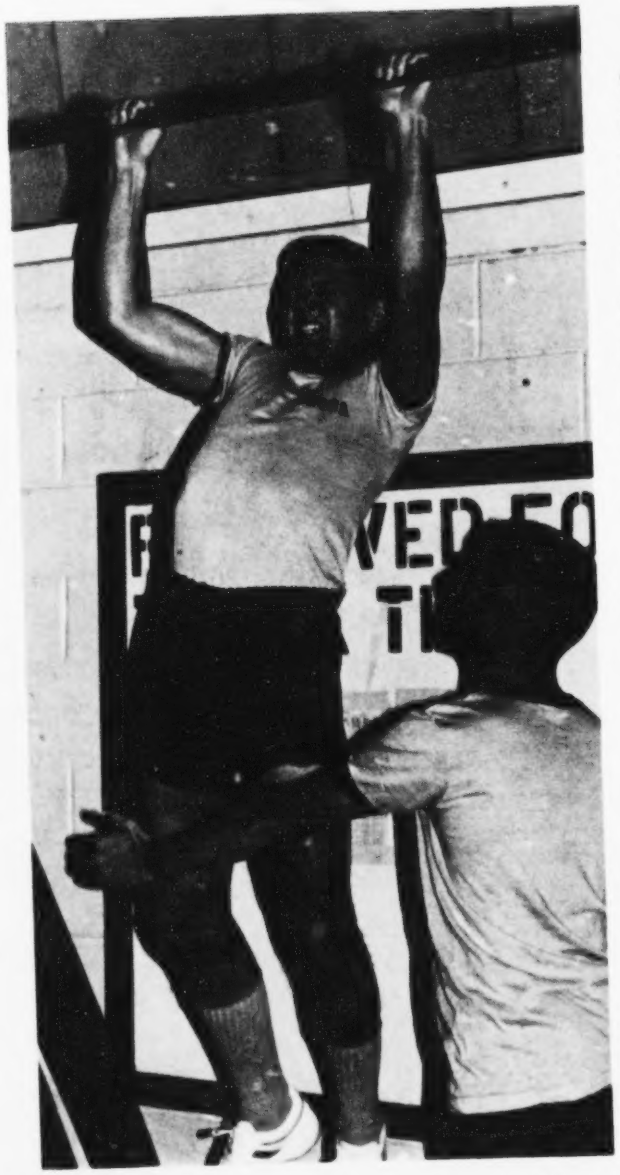
Q. What is the tuition?
A. Those people selected to attend the Academy receive, in essence, a four year scholarship. Room, board, medical expenses, and tuition are free. In exchange, each officer is obligated to serve the Coast Guard for five years on active duty following graduation.

Q. Do I have to pay to apply?
A. No, application is free. However if you are appointed and decide to accept, a $1500 entrance fee will be required. This money is deposited into your cadet account to help defray the costs of your uniforms, books, etc. The fee can be deferred by the Director of Admissions in hardship cases.

Q. Am I paid as a cadet?
A. A cadet receives a monthly allowance of $525 per month. This is money furnished by the government for equipment, textbooks, and other expenses. Any funds remaining in the account are given to the cadet at graduation. From this monthly stipend, cadets receive money each month in a checking account which is designed for personal use: 4/c—$80, 3/c—$150, 2/c—$210, 1/c—$260.

Q. I am also applying for the other service academies and have been scheduled for a medical examination. Do I need to take another medical examination for the Coast Guard Academy?
A. No, medical examinations for officer programs in any service are coordinated by the Department of Defense Medical Examination Review Board (DODMERB) located in Colorado. The same medical exam may be used for all service academies and ROTC programs. Remember, the Coast Guard Academy does not grant medical waivers of any type. See Appendix IV for details.

Q. My father graduated from a service academy. Does that increase my chances of getting an appointment?
A. If you are from a military family, you probably have a better idea of what military life can be like. You should fully explain your background, your potential for leadership and what activities you've participated in, particularly if you have relocated many times. It's also important to remember that coming to the Academy should be your decision.



Q. I didn't play any sport in high school. Will this hinder may chances for an appointment?
A. Playing sports increases your chances of doing well in the competition, as it demonstrates an ability to handle the very physically demanding program you will face at the Academy. Your participation in a competitive out of school program may also be an indicator that you can successfully compete in our program. You should, however, address your physical condition and how you stay in shape in your application and essay questions.

Q. My grades are only average, but I am involved in many sports activities. How will I fare in the competition?
A. Before we even look at a person's leadership potential, we evaluate his/her academic record. The people who do well in the competition are usually in the top 20% of their class and have at least a "B" average. There is no such thing as a cadet who had a "C" average in high school.

Q. The computer classes I've taken have been difficult. Will I be able to receive after class help at the Academy in computers?
A. Yes. Members of the Computer Science staff and selected upperclass cadets are available after hours for assistance and tutoring. Help in programming in a variety of computer languages or solving system problems is provided to cadets of all abilities who desire assistance.

Q. What are some of the reasons cadets attend the Academy?
A. In a recent survey of the corps of cadets, the two leading reasons were to receive a good education and become a Coast Guard officer. Next in line were to explore a seagoing career and to work in a service with an active peacetime mission. Every individual has his or her own reasons for wanting to attend the Academy; he or she must weigh those reasons against the reasons for attending any college.

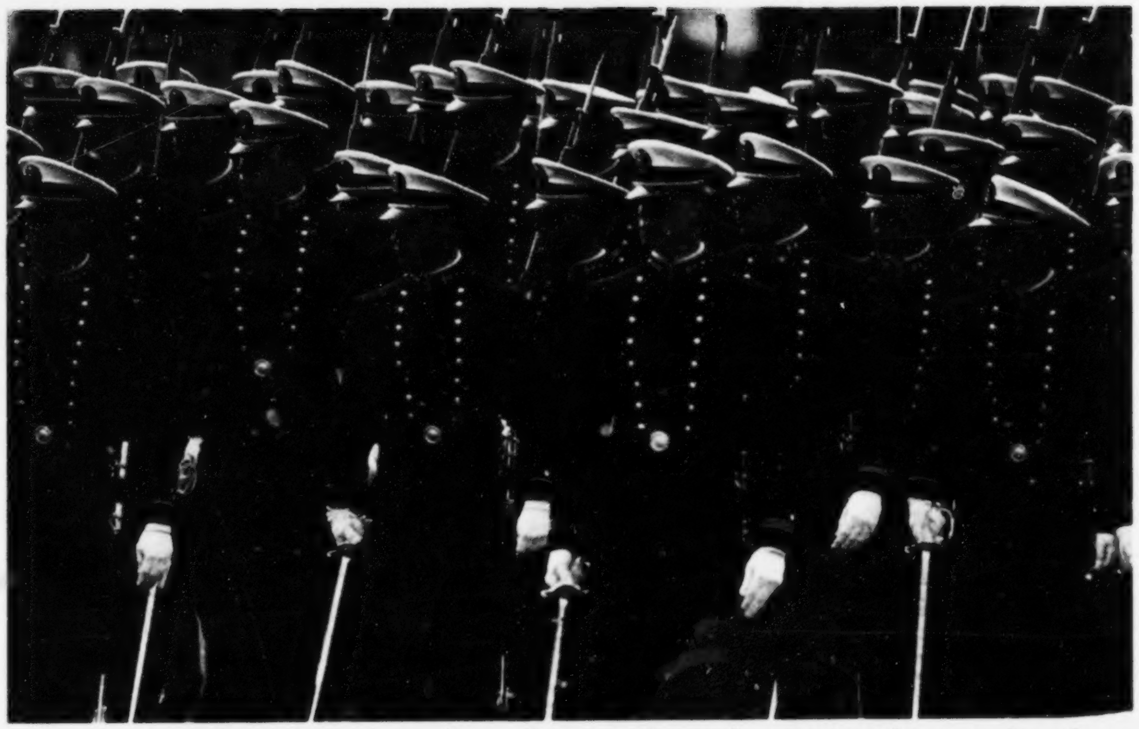
Q. How many cadets finish the four year program? Why do some cadets resign?
A. Approximately fifty-five percent of those cadets who are sworn in graduate. Cadets leave the Academy for a variety of

reasons; change of career plans, inability to adapt to military life, conduct and other personal reasons. It is important to know what to expect when you arrive at the Academy and what type of jobs you might be involved with after graduation. We strongly encourage you to visit the Academy and talk to our faculty and cadets. Visit local Coast Guard units and talk to men and women who work in the field. Make yourself an expert on the Coast Guard and the Academy before you arrive. You'll increase your chances for success.

Q. I'm interested in the Academy but live too far away to visit. Is there a videotape which might give me additional information?
A. Yes. The Coast Guard Academy has a videotape called "The Will to Succeed." You can rent a copy for a nominal fee by calling the College Video Guide, toll free 800-225-2977.

Q. I heard stories about your boot camp, Swab Summer. How tough is it really?
A. We can show you our film, you can talk to cadets and officers who have been through the program, but until you experience swab summer personally you won't know what it is like.

It is not a summer camp. It is physically demanding, mentally challenging, and an emotional shock. Like most swabs, you will probably want to quit the first day, which will be the longest day of your life. The standards are high; the goal is to make excellence a habit, and prepare the swabs to take their places as members of the Corps of Cadets at the beginning of the academic year.



Q. What kind of social life do cadets have?
A. The Academy is not a "party" college. For underclass cadets, free time away from the Academy is restricted to weekends, and they must earn overnight privileges. Alcohol is not allowed in the barracks. However, the social life is not stagnant. There are many opportunities to get involved in extracurricular activities. Formal and informal dances, parties, and other social functions are scheduled.

Q. Am I allowed to attend religious services?
A. Provisions are made to attend religious services of your faith. Catholic and Protestant chaplains provide the opportunity for Christian worship and study. Jewish cadets and those from other religious groups are assisted in locating worship resources in the civilian community. Attendance at religious services is voluntary.

Q. Will I have a chance to sail aboard the tall ship EAGLE?
A. Yes, every cadet has the opportunity to sail nine to twenty one weeks aboard EAGLE. Recent cruises aboard EAGLE have taken cadets to ports in the United States, the Caribbean, Australia, and Europe.

Q. How do I apply for the Academy?
A. Read the admissions requirements section of this catalog. If you meet all the requirements, complete the application and mail it back to the Academy before December 15.

Q. I am a junior in high school. When should I send in my application?
A. The application may be submitted after May 1 of your junior year through the above deadline of your senior year. You may also be eligible for the Academy Introduction Mission (AIM) program, a one week session held at the Coast Guard Academy during the summer between your junior and senior year. If selected, you will come to New London, along with other students from around the country, for an initial look at Academy life. Contact your local Coast Guard Auxiliary for more details on the AIM program.

ROWING CENTER

Q. If I receive an appointment, when do I report?
A. Candidates tendered appointments report in early July. Travel from home to the Academy is arranged for you or is reimbursable, according to the specific regulations.

Q. What if I don't receive an appointment this year? Do many students go to college prior to competing for the Academy?
A. Approximately twelve percent of the entering class has had one or more semesters of college. If you want to reapply, we recommend you take courses similar to your fourth class, or freshman, year here. If accepted the following year, you will have to begin as a freshman.

Q. Will I receive credit for college work which I have finished?
A. The Academy offers a validation program for students who have been to college or taken college level courses in high school. Following departmental screening, validation permits you to substitute another course in your area of interest or a free elective. It allows you to tailor your academic program to your level of achievement. Validation is encouraged for most students; examinations are administered during swab summer.

Q. Where can I find answers to other questions I have about the Academy?
A. If you call the Admissions Office between 8 AM and 4 PM Eastern time, a counselor will be happy to talk to you about the Academy. The number is **(203)444-8501**, or write:

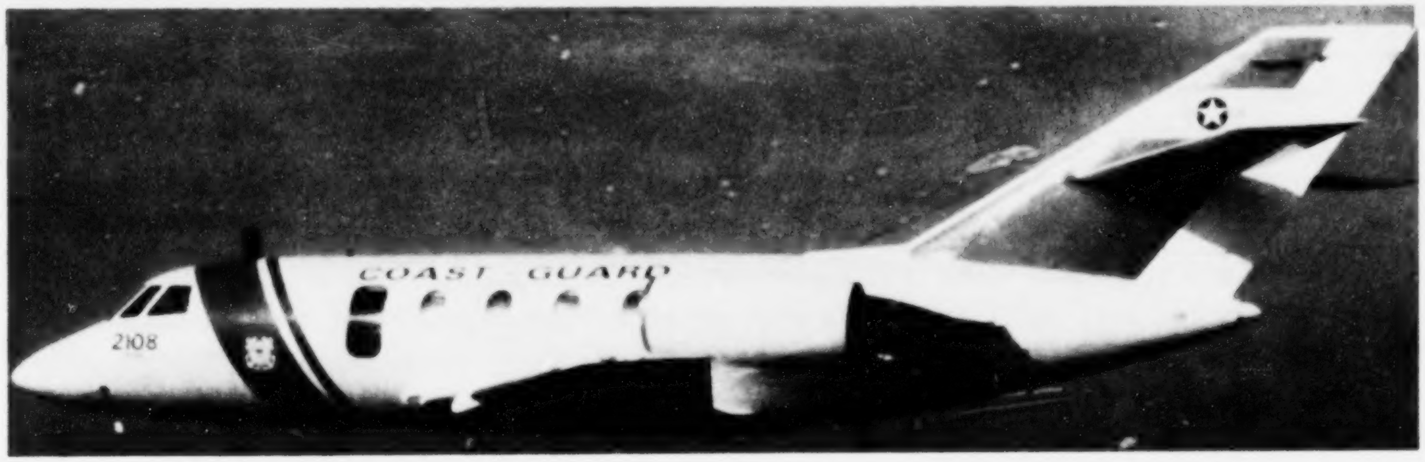
Director of Admissions
U.S. Coast Guard Academy
New London, CT 06320-4195

THE UNITED STATES COAST GUARD

First of all, the United States Coast Guard is a military service. It serves the country's needs first and last. In time of peace, the Coast Guard functions as a part of the Department of Transportation. In time of war, it serves as a highly specialized part of the United States Navy.

Any officer in a military service must be well trained and professionally qualified for leadership. This is especially true in the Coast Guard because it is the smallest of the military services. It's divided into small units of professionals, sometimes so small that command responsibility is often thrust upon officers early in their careers. Producing officers who can meet this challenge is the function of the U.S. Coast Guard Academy.

The Academy graduate must serve a minimum of five years as a Coast Guard officer. Four years at the Academy and subsequent service as a Coast Guard officer provides satisfaction to young people who enjoy hard work and excitement, who are interested in technical and administrative work and who support the variety of missions within the Coast Guard.



Your Coast Guard Career

Your first experience as a newly commissioned Coast Guard officer will be at sea. You may be assigned to one of the larger cutters involved in drug interdiction, law enforcement or search and rescue patrols. Your ship may also be assigned to perform exercises with the Navy or other services. Other duty stations include icebreakers working in the Arctic and Antarctic and buoy tenders that service Aids to Navigation along the coasts and on the Great Lakes.

After the initial tour of sea duty, you may apply for aviation training and, if selected, will be assigned to flight training under the direction of Coast Guard and Navy instructors. After earning your wings, you will specialize in either fixed wing or rotary. Next you will be assigned to one of the Coast Guard Air Stations. Another option for your second tour is as commanding officer of a patrol boat. Nowhere else will you find this responsibility. The hours are long and the work is hard, but the rewards are worth the sacrifice.

Coast Guard officers are encouraged to apply for postgraduate education or specialized training. In conducting its postgraduate education program, the Coast Guard enrolls its officers in some of the leading colleges and universities throughout the country. Those enrolled incur an additional active duty obligation. Officers are selected for postgraduate education and specialized training on the basis of performance as an officer, professional qualifications, and scholastic standing at the Academy. The particular graduate specialities available are dictated by the needs of the Coast Guard.

Eighty percent of our graduates elect to continue their career as Coast Guard officers after they complete the required five years of service. Future assignments and training will be directed toward one goal; to prepare you for the role of a senior officer, where your decisions will be of major importance.

Women officers who graduate from the Academy are afforded identical career opportunities as their male counterparts. There are no service restrictions or quotas on where qualified women can be stationed. Today, Coast Guard women work in all missions areas, including serving aboard and commanding Coast Guard vessels and aircraft.

Coast Guard officers find the career a worthy challenge of their abilities, for command at sea and shore is available early in their careers. They are challenged by the fact that the Coast Guard has a vital job to perform in peacetime, as well as in war. There is a great deal of stimulus in the opportunity to travel, the variety of assignments, opportunities for specialization in different, exacting fields, plus the security and fringe benefits of an officer's life.

But service as a Coast Guard officer also means long periods at sea, with seven day work weeks and long and irregular hours. It means responsibility for the safety of a ship and its crew. In certain situations, it means facing actual physical danger.

There is no question that the service is demanding; but to the well-motivated, well-prepared young officer who enjoys the challenge of going to sea, it is exciting and meaningful.

WSES 2
COAST GUARD

Postgraduate Opportunities

Coast Guard officers are currently enrolled in the following advanced and specialized courses. The availability of the programs varies with Coast Guard needs.

Academy Instructor Preparation
    Chemistry *
    Economics/Management *
    Humanities *
    Mathematics/Computer Science *
    Physics *
Administrative Science/ Management *
Administrative Science/Personnel *
Aeronautical Engineering **
Air War College **
Armed Forces Staff College
Army War College
Aviation Engineering Administration **
Avionics Engineering **
Chemical Engineering *
Civil Engineering *
Communications Engineering/Management *
Computer Systems Management *
Electronics Engineering *
Engineering Physics *
Environmental Management *
Financial Management *
Hazardous Materials/Industrial Hygiene
Industrial College of the Armed Forces
Industrial Management ***
Instructional Technology *
Law *
Marine Engineering/Naval Architecture *
Merchant Marine Industry Training
National War College

Naval War College
Ocean Engineering *
Oceanography ***
Operations Research/Systems Analysis *
Personnel Administration
Port Safety Industry Training
Public Administration *
Public Affairs ***
Sloan Fellows * ***
State Department Executive Program
Strategic Intelligence
Transportation Management *

*	Leads to an Advanced Degree
**	Flight school required first
***	No more than one officer per year

> *"My career in the Coast Guard has proven even better than what I expected. The leadership experience and job satisfaction would be worthwhile in any capacity."*
>
> *A Coast Guard Lieutenant*

Rank, Pay and Allowances

The rank structure of the Coast Guard commissioned officer corps is identical with that of the Navy. The table below indicates comparative ranks of Coast Guard commissioned officers with commissioned officers of the other uniformed services. Additionally, pay and allowances of commissioned officers of the Coast Guard are the same as those for officers of equivalent rank in the Army, Navy, Marine Corps and Air Force.

Coast Guard officers advance through the same rank structure as officers in the other armed forces and may retire after 20 years active service (of which at least 10 years must be served as a commissioned officer), at the discretion of the President of the United States, and upon completion of 30 years of active service, at the discretion of the Secretary of Transportation. Retirement at age 62 is compulsory. A retired officer receives retired pay at the rate of 40 percent of basic pay after 20 years service, and for each year of service after 20 years, the amount is increased by a specific percentage, unless retired for physical disability. Coast Guard officers retired or separated because of physical disability receive, by law, the same benefits as officers of the other services.

Upon graduation, a typical new ensign's salary is approximately $22,000 including tax-exempt housing and subsistence allowance.

Army, Air Force, and Marine Corps	Navy and Coast Guard
General, Lieutenant general, Major general	Admiral, Vice admiral, Rear admiral (upper half)
Brigadier general	Rear admiral (lower half)
Colonel	Captain
Lieutenant colonel	Commander
Major	Lieutenant commander
Captain	Lieutenant
First Lieutenant	Lieutenant (junior grade)
Second Lieutenant	Ensign

MISSIONS OF THE COAST GUARD

Today's Coast Guard is small but strong.

Nearly 38,000 active duty men and women are stationed worldwide supporting the wide variety of Coast Guard missions. There are three primary areas in which we work today; maritime law enforcement, safety of life at sea, and defense readiness. These areas are supported by twelve operating programs which, with the support of their administrative staffs, accomplish each designated task quickly and professionally.

Aids to Navigation

The Coast Guard provides accurate and continual all weather position-fixing capability to ensure the safety and efficiency of vessels at sea. Short and long range aids to navigation, such as lighthouses, buoys and other markers are maintained. Long range radionavigation transmitters including LORAN and OMEGA stations are manned and maintained by Coast Guard personnel. These aids prevent many shipwrecks and introduce a new element of safety to life at sea and in the air.

Boating Safety

The number of lives lost, persons injured and property damaged in recreational boats is reduced substantially because of the efforts of the Coast Guard. Boating safety offices are maintained throughout all the Coast Guard districts. These offices are responsible for assisting and informing the boating public about recreational boating requirements and enforcing pertinent boating safety regulations. Engineers also continually look for improvements in boat and ship design and construction standards.

Defense Operations

Constant military readiness is a primary responsibility of the Coast Guard. Officers develop and maintain plans to insure the security of our ports in wartime and prepares plans to support strategic sealifts and carry out statutory missions under wartime conditions. Coast Guard flag officers serve on NAVGUARD boards which establishes the coordination of Coast Guard/Navy policy in area of mutual interest. In peacetime, Maritime Defense Zone commanders are responsible for coastal defense planning and training. In wartime, they will conduct defensive operations to ensure the security of port and coastal approaches out to 200 miles offshore.

Environmental Response

The Coast Guard is responsible for preventing pollution from vessels and port facilities, removing oil and other pollutants from coastal waters, enforcing pollution laws and regulations and performing anti-pollution research and development. The Coast Guard and the Environmental Protection Agency have developed national and international pollution response plans.

Ice Operations

Maritime transportation in ice-laden polar and domestic waters is provided by icebreaking cutters for federal and scientific organizations in the polar regions. Domestic waterways are kept open for vitally needed commerce. The polar class cutters are designed to travel through six feet of ice and are able to ram through ice 21 feet thick if necessary.

Law Enforcement

The Coast Guard is responsible for enforcing all federal laws on the high seas and waters under U.S. jurisdiction. Smuggling and narcotics trafficking violations are enforced with U.S. customs and immigrations laws.

DAISY MARIVEL

Also, laws which pertain to the Exclusive Economic Zone, waters which extend out to 200 miles offshore, are enforced. The Coast Guard also works closely with other law enforcement agencies, including U.S. Customs and the Drug Enforcement Administration.

Marine Inspection

Death, injuries, property loss and environmental damage are minimized by developing and enforcing standards and policy which guarantee the safe design, construction, maintenance and operation of commercial vessels and offshore facilities. The Coast Guard also oversees safety requirements of all merchant vessels from design to scrapping.

Marine Licensing

The Coast Guard is responsible for the licensing and certification of Merchant Marine officers and seamen. The manning of commercial vessels is also regulated by the Coast Guard.

Marine Science

Weather and oceanographic services for other Coast Guard programs and federal services is provided. Also, the International Ice Patrol charts iceberg movement into shipping lanes.

10
COAST GUARD

Port Safety and Security

Ports, waterways, shoreside facilities, vessels and people working in them are all protected by the Coast Guard from accidental or intentional damage or injury through routine inspections, patrols, and the enforcement of safety regulations.

Search and Rescue

The Coast Guard renders aid to people and property in distress in the marine environment. We serve as the Maritime SAR coordinator within the National SAR Plan. SAR facilities are maintained on the East, West and Gulf coasts as well as in Alaska, Hawaii and the Great Lakes. AMVER (Automated Mutual Assistance Vessel Rescue System) is operated by the Coast Guard who also helped design the SARSAT system which uses satellites to pick up emergency locating transmitters or emergency position radiobeacons from aircraft or vessels in distress.

Waterways Management

Active and passive traffic management techniques and safety procedures are developed and maintained by Coast Guard personnel. Active management includes seven Vessel Traffic Services which use VHF-FM communications and a network of television and radar sites to provide mariners with advance information about marine traffic or hazards that could affect their safe movement.

Commenting on the current state of the Coast Guard, Admiral Paul Yost says, "Pressures on our operations are greater than ever before as we deploy more sophisticated equipment and forces into drug interdiction and defense readiness. It's going to take excellent leadership, both here and in the field, to make all this happen. I'm counting on you to do it." As a Coast Guard officer, you can be one of those people of whom the Admiral spoke. The work is challenging and very rewarding. Your education and training starts here in New London.

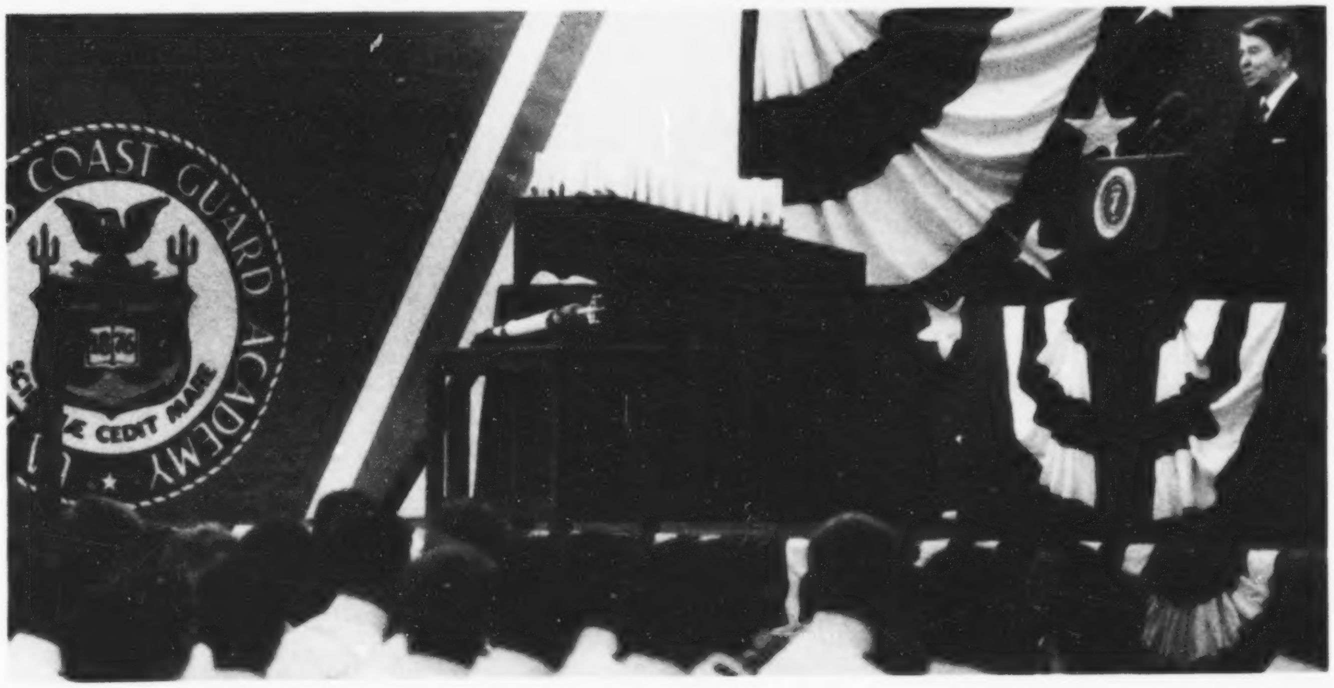
If working with the Coast Guard sounds exciting but the Academy isn't quite right for you, we have many other education and training programs. For additional information about other opportunities, call:

TOLL FREE: (800) 424-8883

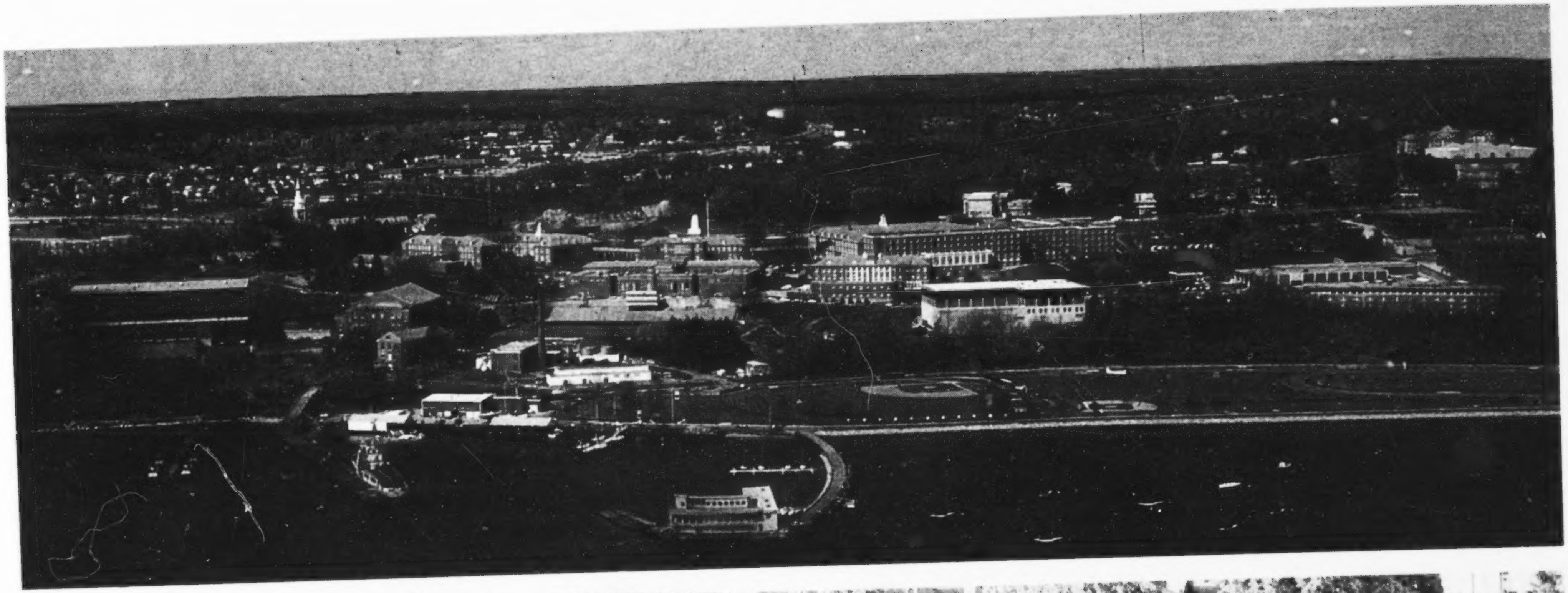
THE YEAR IN REVIEW

1988 was an "average" year for the United States Coast Guard. But what did an "average" day look like during this past year? On an average day the Coast Guard saved 16 lives, assisted 361 people, saved $2.5 million in property, completed 154 search and rescue cases, seized nearly two tons of marijuana and 35 pounds of cocaine, and arrested 2 suspected drug smugglers. Does this sound like an average day to you? Because the nature of the Coast Guard's work, we often don't realize how much of an impact we have on this country or its people. The results of our average day can be clearly seen when people are saved from the perilous sea, our channels are safely marked for safe navigation, ports and vessels are safely operated and drug smugglers are stopped from brining drugs into the country.

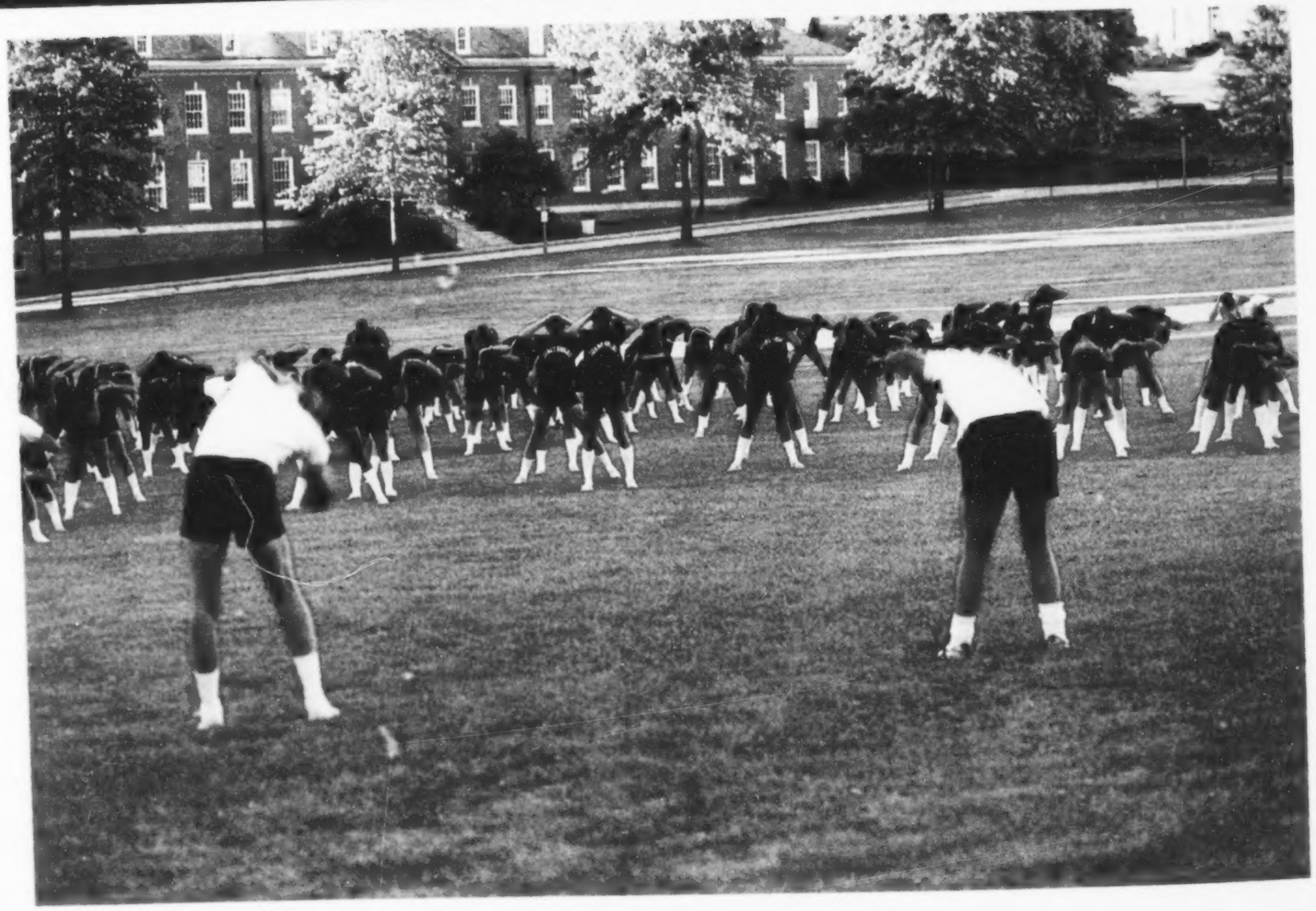
During 1988 we stepped up our drug interdiction efforts in the Southeastern United States with expanded use of the E2C "Hawkeye" radar surveillance aircraft and the modified HU-25C "Falcon" interceptors. The HU-25C is now equipped with the same interceptor radar as those found in use on the Air Force's F-16C fighter aircraft. We also reorganized several units to meet the growing demands for resources, both personnel and equipment, in the growing war on drugs.



The Coast Guard was once again in the national spotlight as President Ronald Reagan first spoke at the 1988 Commencement exercises at the Coast Guard Academy and then met with General Secretary Gorbachev of the Soviet Union on the Coast Guard's Governors Island in New York City. President Reagan's visit to the Academy was the highlight of a very eventful year at the Academy. EAGLE returned from a nine month cruise that took her to Australia and back. Shortly after graduation she set sail again, this time bound for Europe. These cruises provided the cadets from various classes the opportunity to learn about the sea and its lore as well as visit some far and exotic ports. The Academy was also undergoing some changes in direction. A new department was established for professional development. The new departmenent was augmented by funds provided by the Coast Guard Foundation to enhance the sailing program and the writing and speaking skills in the Humanities arena. This department was developed to reinforce the mission of the Academy.



1988 was also a banner year for our sports teams. The most notable accomplishments were the football team's 9-1 season and the ECAC Division III title, the volleyball team's outstanding 19-5 record and the superb achievements of the sailing team in every regatta they attended. Individual recognition for outstanding performances included Cadet 1/C Jeff Peters being selected for an NCAA scholarship award, Cadet 1/C Erik Anderson receiving a scholar athlete award and several All conference and All American first team awards for Division III Athletes. Both Anderson and Peters played for the Bears football team. During the spring of 1988 Cadet 1/C Dan Casey set a season high record for stolen bases for all Division III baseball teams in the nation.



APPENDIX I

ACCREDITATION

NEW ENGLAND ASSOCIATION OF SCHOOLS AND COLLEGES

The U. S. Coast Guard Academy is accredited by the New England Association of Schools and Colleges, Inc., a non-governmental, nationally recognized organization whose affiliated institutions include elementary schools through collegiate institutions offering post-graduate instruction.

Accreditation of an institution by the New England Association indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer group review process. An accredited school or college is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the New England Association is not partial but applies to the institution as a whole. As such, it is not a guarantee of the quality of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

PROFESSIONAL ACCREDITATION

The Civil, Electrical, and Marine Engineering, Programs are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET).

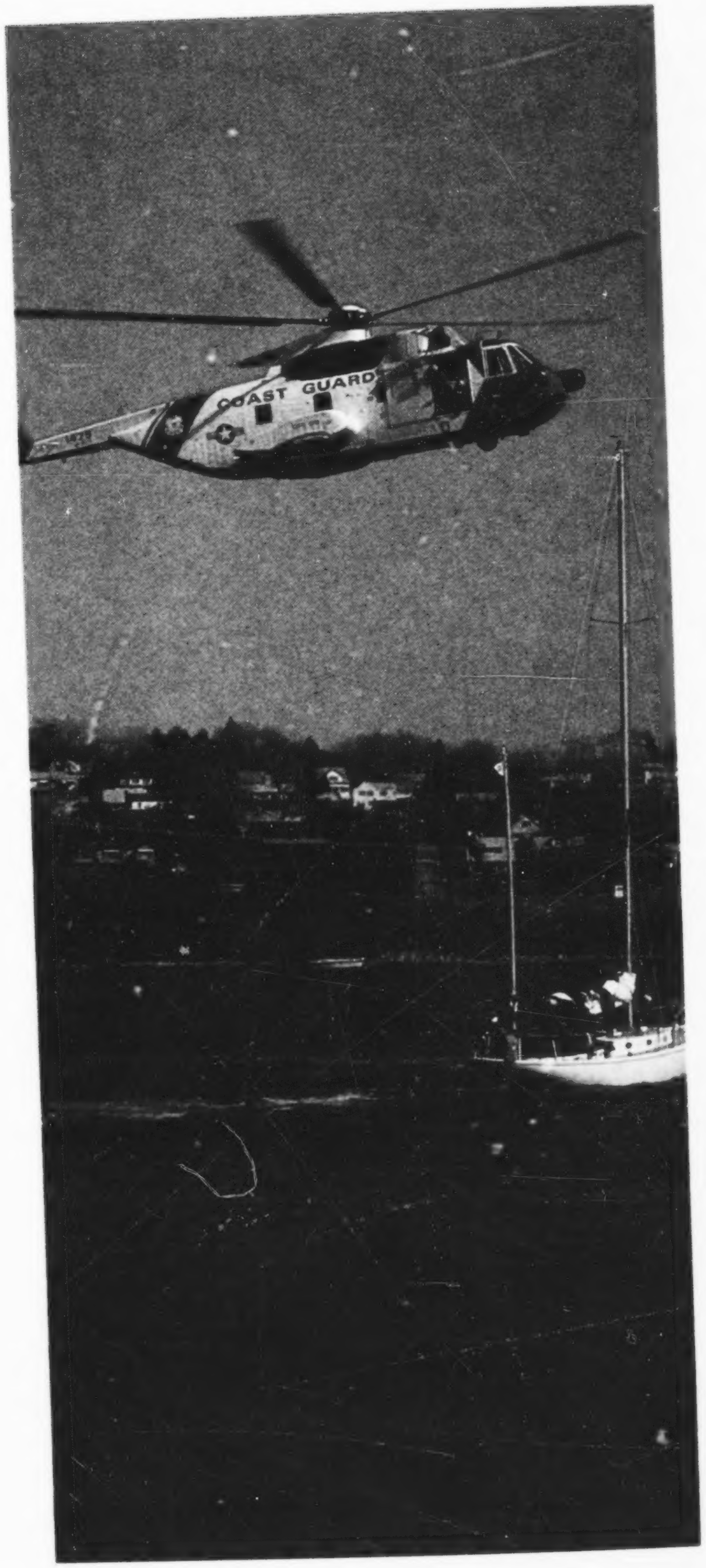
COMMITTEES

ADVISORY COMMITTEE

Vice Admiral Clarence R. Bryan, USN (Ret)
Mr. Red Cavaney, President, American Paper Institute, New York, New York
Ms. Nancy Jean Davis, Vice President, McArthur Management Co., Miami, Florida.
Major General Jeanne M. Holm, USAF, (Ret).
The Honorable Owen H. Johnson, New York State Senate, 4th District, West Babylon, New York.
Mr. Richard H. Jones, Arlington, Virginia
Dr. Nanci C. Motsinger, High Point Public Schools, High Point, North Carolina

1988 CONGRESSIONAL BOARD OF VISITORS

Senator John B. Breaux (D), Louisana
Senator Bob Packwood (R), Oregon
Senator Ernest F. Hollings (D), South Carolina
Congressman Robert W. Davis (R), Michigan
Congressman Sam Gejdenson (D), Connecticut
Congressman Earl Hutto (D), Florida
Congresswoman Nancy Johnson (R), Connecticut
Congressman Walter B. Jones (D), North Carolina



"Getting used to the weather was difficult my 4/c year. Being from Florida, I wasn't used to the variety of seasons and temperatures."

3/c Cadet

APPENDIX II

CRITICAL DATES FOR CADET CANDIDATES

May 1, 1989 - December 15, 1989	Period for submitting formal application for appointment to Director of Admissions
July 1, 1989 - May 1990	Service Academy medical examinations administered to candidates when authorized
May 1989 - October 1989	Period during which registration for SAT or ACT examinations should be made
November 1, 1989	Cadet Candidate Evaluation Board convenes
November 15,1989 - May 1, 1990	Conditional appointments tendered.
December 2 (9), 1989	Final SAT (ACT) administration which will be accepted for the annual competition. Subsequent test scores will not be accepted.
December 15, 1989	Deadline for submitting application to the Academy.
January 15, 1990	Deadline for submitting supporting documents.
February 15, 1990	List of finalists established
May 1, 1990	Deadline for acceptance of principal appointments
May 1, 1990- - June 1, 1989	Alternate appointments tendered as vacancies occur.
July 6, 1990	Class of 1994 reports to Academy.

1989-90 ACADEMY CALENDAR

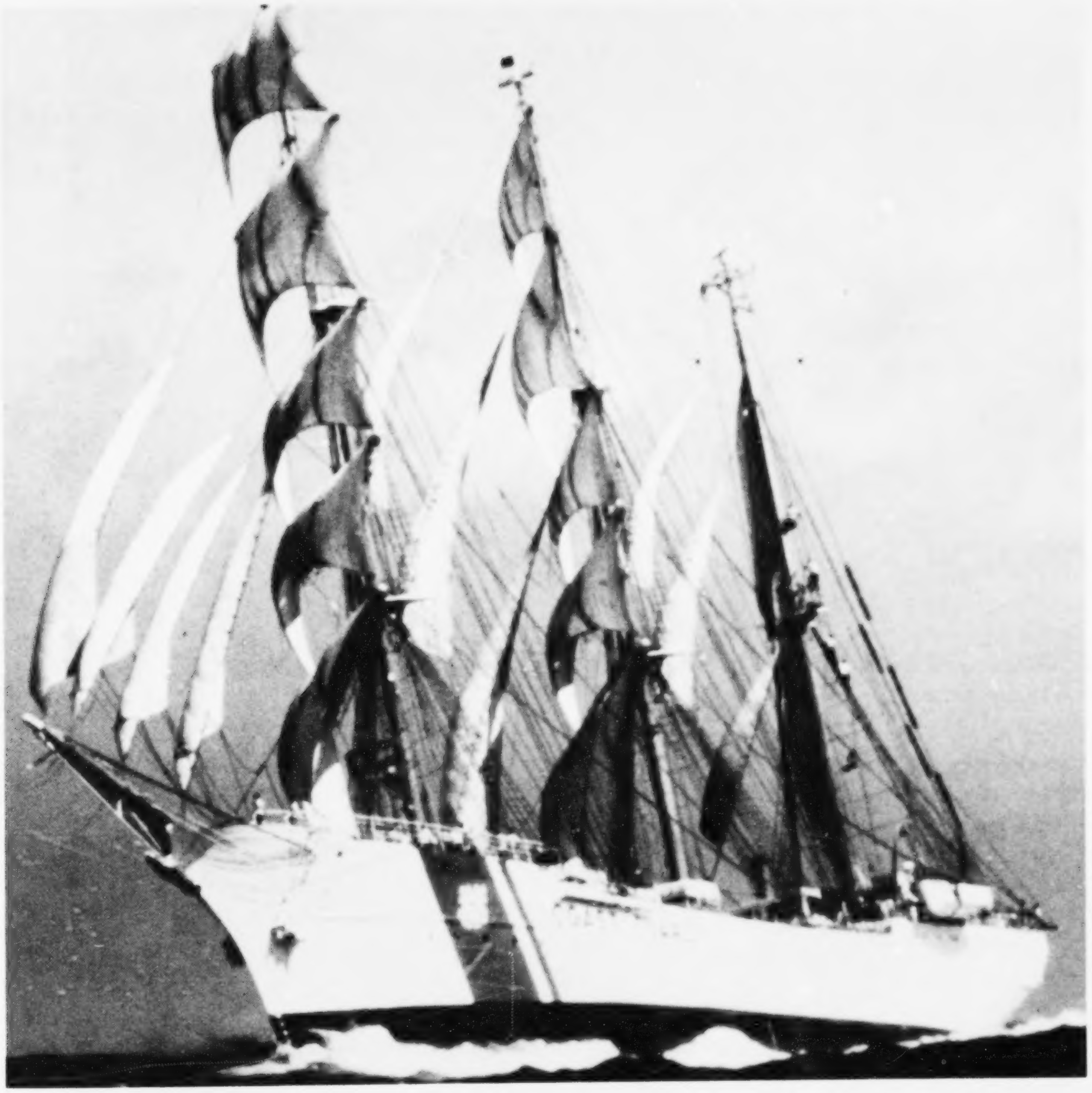
May	24	Summer Training Period Begins
	29	Memorial Day, Holiday
July	4	Independence Day, Holiday
	6	Class 1993 Reports Aboard
August	22	Summer Training Period Ends
	23	Academic Year, Fall Semester Begins
September	4	Labor Day, Holiday
	22-24	Homecoming Weekend
October	9	Columbus Day, Holiday
	20-22	Parents Weekend
November	11	Veterans Day, Holiday
	23	Thanksgiving Day, Holiday Weekend
December	22	Fall Semester Ends, Christmas Leave Begins
January	7	Christmas Leave Ends
	8	Spring Semester Begin
	15	Martin Luther King, Jr. Day, Holiday
February	19	Washington's Birthday, Holiday
March	9-18	Spring Leave
May	11	Spring Semester Ends
	20	Baccalaureate
	23	Commencement Exercises

TENTATIVE 1990-91 ACADEMY CALENDAR

May	23	Summer Training Period Begins
	28	Memorial Day, Holiday
July	4	Independence Day, Holiday
	6	Class 1994 Reports Aboard
August	22	Summer Training Period Ends
	23	Academic Year, Fall Semester Begins
September	3	Labor Day, Holiday
October	5-7	Homecoming Weekend
	8	Columbus Day, Holiday
	12-14	Parents Weekend
November	11	Veterans Day, Holiday
	22	Thanksgiving Day, Holiday Weedend
December	21	Fall Semester Ends, Christmas Leave Begins
January	6	Christmas Leave Ends
	7	Spring Semester Begins
	14	Martin Luther King, Jr. Day, Holiday
February	18	Washington's Birthday, Holiday
March	8-17	Spring Leave
May	10	Spring Semester Ends
	19	Baccalaureate
	22	Commencement Exercises

> *"I remember my first visit to the Academy; it was like stepping into history. Now that I'm graduating, I'm a part of its history."*
>
> *A Graduating Cadet*

APPENDIX III



ACADEMY PERSONNEL

SUPERINTENDENT
T. T. Matteson, Rear Admiral, USCG, B. S., M.S.

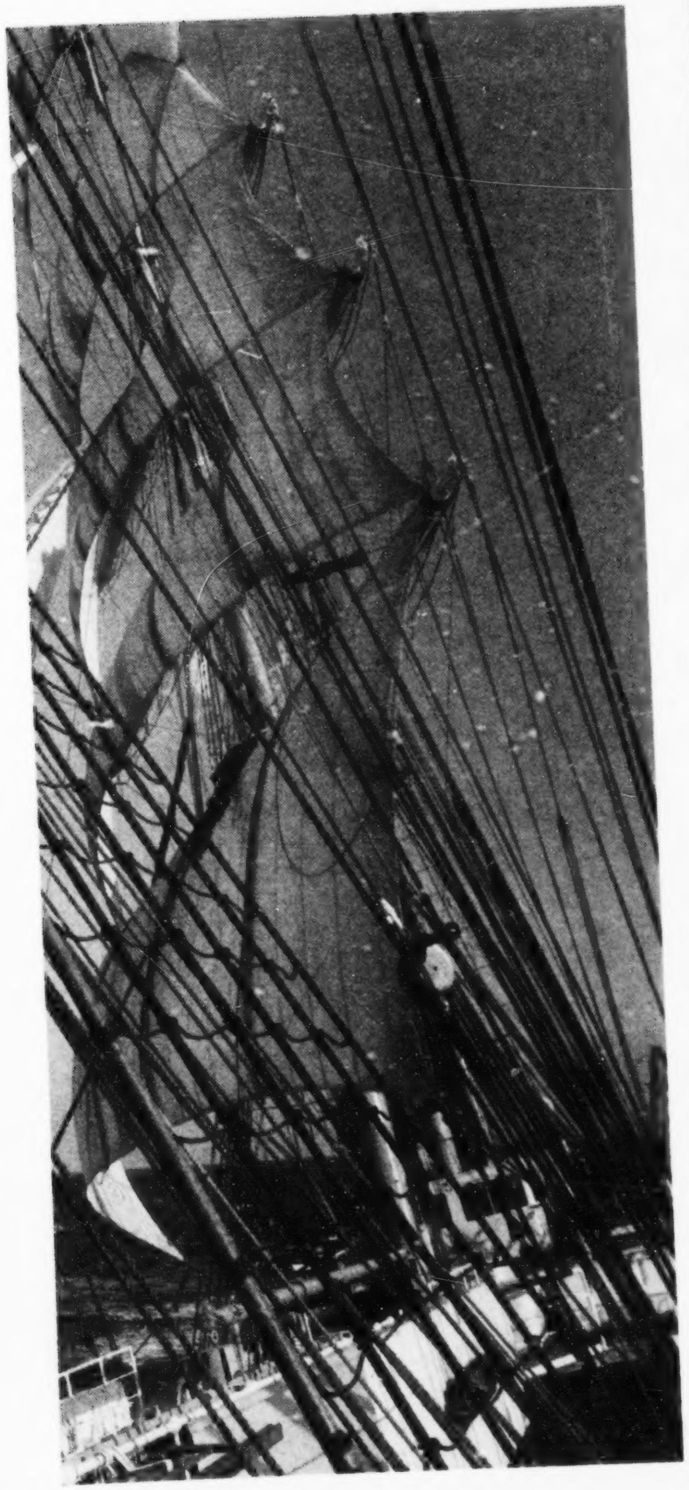
ASSISTANT SUPERINTENDENT
Paul E. Versaw, Captain, USCG, B.S., J.D.

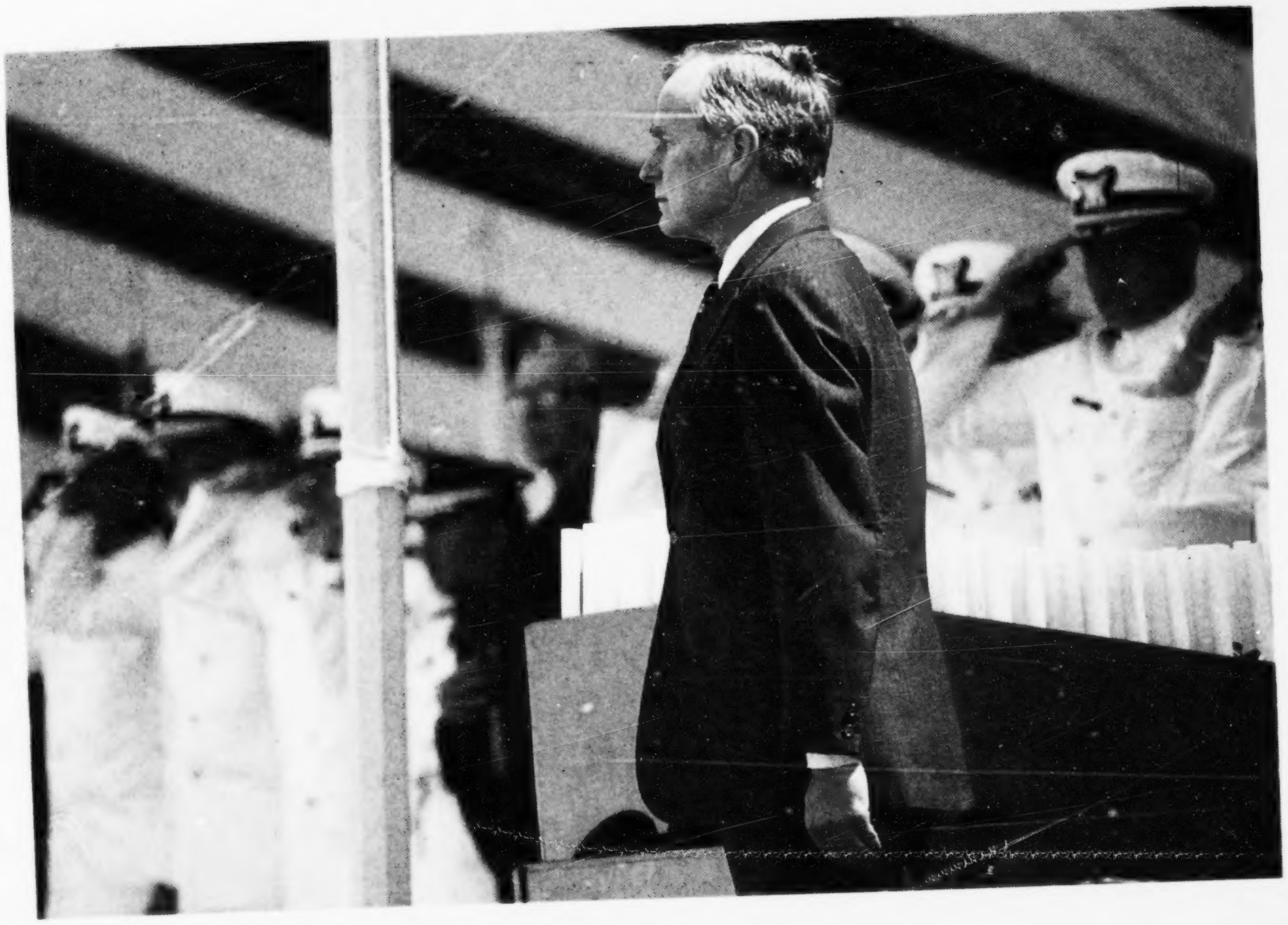
DEAN OF ACADEMICS
William A. Sanders, Ph.D.

COMMANDANT OF CADETS
Joesph M. Maka, Captain, USCG, B.S., M.B.A.

DIRECTOR OF ADMISSIONS
Thomas D. Combs, Jr., Captain, USCG, Ph.D.

DIRECTOR OF ATHLETICS
Charles Mills, B.S., M.S.





APPENDIX IV

MEDICAL REQUIREMENTS

1. Height and Weight: The candidate's weight should be well distributed and in proportion to age, height, and skeletal structure. Rejection will be recommended for individuals who show poor physical development or show a tendency to obesity, regardless of height and weight ratio. Individuals not meeting these requirements may be measured for % body fat. Max allowable % body fat is 25% for men and 35% for women. Minimum height is 60 inches, maximum height is 78 inches.

	Weight (pounds)			
Height (inches)	Men (min)	Men (max)	Women (min)	Women (max)
60	101	139	94	131
61	102	143	96	135
62	103	148	98	138
63	104	152	100	142
64	105	157	102	145
65	106	162	104	149
66	107	167	106	153
67	111	172	109	156
68	115	176	112	160
69	119	182	115	163
70	123	187	118	167
71	127	192	122	171
72	131	197	125	175
73	135	202	128	178
74	139	208	132	181
75	143	213	136	185
76	147	219	139	189
77	151	224	143	192
78	153	230	147	196

2. Head, Scalp, Face and Neck: The following are causes for disqualification of further evaluation: Tinea of any type. Benign tumors which may interfere with the wearing of military equipment or are subject to easy irritation. Any abnormalities of the skull will be thoroughly investigated and may be cause for disqualification. Any adherent or disfiguring scars of the face, regardless of cause. Abnormalities of the thyroid. Symptomatic cervical ribs. Presence of cervical ribs diagnosed by radiographic examination will not be cause for disqualification.

3. Nose and Sinuses: Loss of the nose, malformations or deformities that interfere with speech or breathing or extensive ulceration.

4. Mouth and Throat: Any and all abnormalities of the mouth and throat must be carefully documented and those conditions such as malformation, partial loss, atrophy or hypertrophy of the tongue, tumors, stomatitis, ranula, marked enlargement or disease of the tonsils, harelip, if disfiguring, loss or mutilation of the lips.

5. Ears and Hearing: Hearing acuity will be determined by audiometric testing on machines calibrated for ISO or ANSI and an average level of hearing loss greater than 30db or loss greater than 35db in any one frequency in the 500, 1000, or 2000Hz frequencies or loss greater than 45db in the 3000Hz frequency or loss greater than 55db in the 4000Hz frequency will be cause for disqualification, regardless of cause. Abnormalities of the external or internal ear, unless minor. Any acute or chronic disease of the external, middle or internal ear.

6. Eyes and Vision: All candidates accepted shall have an uncorrected visual acuity no poorer than 20/200 in either eye and must be correctable to 20/20 in each eye. Additionally, refractive error shall not exceed plus or minus 5.50 diopters in any meridian. Astigmatism shall not exceed 3.00 diopters and anisometropia not to exceed 3.5 diopters. Refraction is not required where the unaided visual acuity is 20/20 in each eye, unless medically indicated.

Disease of the eye shall be cause of rejection. Contraction of visual field shall be cause of rejection. Both eyes must be free from any disfiguring or incapacitating abnormality and from acute or chronic disease.

** The requirement as given above is considered necessary in order to graduate cadets with vision sufficiently serviceable to enable them to carry out their duties at sea. During late adolescence is ti quite common for developmental myopia to become manifest to such an extent that the resulting myopic visual defect is sufficient to disqualify the cadet. It is therefore imperative that a careful examination for visual acuity be performed.

7. Color Vision: Color blindness, complete or partial is cause for rejection. Color perception will be tested by the color plate test as set forth in the American Optical Test Book, 1940 Edition, or the Farnsworth Lantern Test. Candidates who fail to pass the American Optical Company pseudo-isochromatic plate test shall be considered qualified if they pass the Farnsworth Lantern tests. The results of the test shall be considered final in the resolution of all cases of questionable color perception.

Detailed instruction for the administration of the Farnsworth Lantern test, as well as the criteria for passing the test, are engraved on a metal plate which is permanently attached to the instrument and shall be followed without exception. The results of the test shall be recorded in item 64, Report of Medical Examination as "Passed FaLant" or "Failed FaLant."

Candidates who failed the American Optical Company pseudo-isochromatic plate test at places where the Farnsworth Lantern test is not available may be given a reexamination on the Farnsworth Lantern test at places where it is available.

The cost of travel to and from the place of reexamination and subsistence must be borne by the applicant.

8. Lungs and Chest: The lungs and chest will be examined and any of the following conditions will be cause for disqualification: Congenital malformations or acquired deformities which result in reducing the chest capacity and diminish the respiratory function so as to interfere with participation in a rigorous athletic program or produce disfigurement when dressed; deformities of the scapula sufficient to interfere with carrying of equipment or the absence or faulty development of the clavical, any fractures of the ribs with faulty union if interfering with function; malignant tumors if large enough to interfere with wearing of a uniform and equipment; tuberculosis, active of any extent or degree; a history of tuberculosis within preceding 5 years of x-ray findings of; pleurisy with effusion of unknown cause or history of; recurrent spontaneous pneumonthorax, hydrothorax or hemothorax, asthma or a history of since the twelfth birthday.

9. Heart and Vascular System: All diastolic murmurs. Apical and harsh systolic murmurs will be carefully evaluated and may be cause for disqualification. Organic heart disease, congenital heart disease or pathological murmurs. Any abnormality of the heart will be carefully evaluated. Persistent blood pressure readings of above 140 systolic or 90 diastolic must be carefully evaluated. Any abnormality of the vascular system will require a thorough investigation.

10. Abdomen, Viscera, Anus and Rectum: Generally, any chronic disease of the stomach and viscera, especially hernia of any variety and ulcers either active or a trustworthy history thereof, is cause for disqualification. Hemorrhoids, internal and external are not disqualifying unless symptomatic.

11. Endocrine System and Metabolism: Any disease of the Endocrine System must be thoroughly evaluated and may be cause for disqualification. Hypothyroidism, toxic goiter and thyroid adrenoma. Persistent glycosuria and diabetes mellitus. Severe or irremediable nutritional deficiencies. All are disqualifying.

12. Genitourinary System: All candidates will be required to take a serologic test for syphilis. If positive, a second test may be ordered. If this test is positive it will be cause for disqualification. Among the conditions which will be cause for disqualification are diabetes mellitus or insipidus, persistent hematuria or albuminuria, diseases of the kidneys, atrophy or absence of both testicles, undescended testicle unless surgically treated. All women must have a pelvic and/or rectal exam with a PAP test performed and reported.

13. The Extremities: All anomalies in the number, the form, the proportion and the movements of the extremities which produce noticeable deformity or interfere with function. Laxity of ligaments, torn cartilage, internal derangement of the knee. Entire loss of any finger. Loss of more than one phalanx of the right index finger. Loss of the terminal and middle phalanges of any two fingers on the same hand. Symptomatic pes planus. Flatfoot when accompanied with symptoms of weak foot or when the foot is weak on test. Loss of either great toe or loss of any two toes on the same foot. Any surgical procedure on any joint during the past six months.

14. The Spine and other Musculoskeletal: Lateral deviation of the spine if it appears likely to impair normal function. Scoliosis, kyphosis, or lordosis if severe. Fracture or dislocation of the vertebrae. Herniated nucleus pulposis or history of operation for this condition. History of chronic or recurrent low back pain.

15. Skin: Eczema of long standing. Chronic impetigo, carbuncles; acne of the face or neck which is so severe as to be unsightly. Pilonidal cyst or sinus if evidenced by readily palpable tumor mass or it there is a history of inflammation or of purulent discharge.

16. Nervous System: Degenerative disorders such as multiple sclerosis, encephalomyelitis. Peripheral nerve disorder. Residuals of trauma. Paroxysmal convulsive disorders. Any abnormality of the central nervous system.

17. Psychiatric and Personality Disorders: Psychotic disorders or a substantiated history of psychotic episode. Character and behavior disorders which have prevented a good adjustment with particular reference to antisocial tendencies, sexual deviation, chronic alcoholism or drug addiction.

18. Dental: Candidates must have sufficient teeth, natural or artificial, in functional occlusion to insure satisfactory incision and mastication. Minimum requirement is on dentulous upper jaw and/or dentulous lower jaw corrected by a full denture or dentures. Carious teeth in excess of 4, except those with incipient carious lesions, must be satisfactorily restored.

19. Thyroid: Any history of hyperthyroidism of hypothyroidism, regardless of whether or not on medication will be grounds for disqualification.

20. Radial Keratotomy: Candidates who have had this myopic surgery will be considered after a two year period with no complications such as scarring, and meet the visual acuity standards.

21. Human Immunodeficiency Virus: Candidates must have negative results on approved tests for this virus.

22. Urinalysis/Drug Screen: Mandantory testing for use of drugs and alcohol.

APPENDIX V

PHYSICAL FITNESS STANDARDS

PHYSICAL FITNESS EXAMINATION EXCERPT

The Physical Fitness Examination consists of the following test items:
1. Pull-ups 2. Sit-ups 3. Standing long jump
4. 300-yard shuttle run 5. 1 1/2 mile run/walk. A total of 250 points is necessary to pass the test. There is no minimum performance required on individual events. Scoring tables are enclosed for use in determining you own score.

The examination will be administered in two parts. Part one consists of the four part battery (items 1-4). Item 5 will be given on a subsequent day. A brief description of each item follows.

1. PULL-UPS. Overhead bar is grasped with palms facing forward, arms are straight and elbows locked. Candidate pulls up until chin is over the tip of bar and horizontal to the floor. Pull-up is complete when returned to a straight hanging position with feet off the floor. Any partial completion of a pull-up is not included in the final count.

2. TWO-MINUTE SIT-UPS. Candidate lies horizontal with the knees flexed, feet flat on the floor (held by a partner), and hands interlocked behind the head. A sit-up is executed by sitting up, touching the chest to the thighs and returning to the floor. Any sit-up where the hands come from behind the head, or vertical/horizontal positions are not reached will not counted for total sit-ups completed in two minutes.

3. STANDING LONG JUMP. Feet are positioned immediately behind the take-off line. Candidate jumps forward from both feet and lands with both feet simultaneously. Distance is measured from the initial line to the rear edge of the rearmost heel. Jumps where the candidate falls backwards or takes-off or lands on one foot do not count.

4. 300 YARD SHUTTLE RUN. Candidate consecutively runs five lengths of 60 yards each. At the end of each length, one foot must go over the line during the turn. Time completed is counted to the nearest 1/2 second.

5. 1 1/2 MILE RUN/WALK. Candidate should complete the course in the fastest possible time. The test should be given during a seperate time period. Time is recorded to the nearest second.

For additional information or questions contact:
Head, Department of Physical Education
U.S. Coast Guard Academy
New London, CT 06320
(203) 444-8600

POINTS	PULL-UPS		SIT-UPS	LONG JUMP INCHES		300 YARD SHUTTLE (SECONDS)		1 1/2 MILE RUN/WALK (MIN:SECS)		POINTS
	MEN	WOMEN		MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	
50		3	50	85	71	58.0	62.5	11:05-11:09	12:05-12:09	50
49	7		49			58.5	63.0	11:10-11:14	12:10-12:14	49
48			48	84	70	59.0		11:15-11:19	12:15-12:19	48
47			47			59.5	63.5	11:20-11:24	12:20-12:24	47
46	6		46	83	69	60.0	64.0	11:25-11:29	12:25-12:29	46
45		2.5	45			60.5	64.5	11:30-11:34	12:30-12:34	45
44			44	82	68	61.0	65.0	11:35-11:39	12:35-12:39	44
43	5		43			61.5	65.5	11:40-11:44	12:40-12:44	43
42			42	81	67	62.0	66.0	11:45-11:49	12:45-12:49	42
41			41			62.5	66.5	11:50-11:54	12:50-12:54	41
40	4	2	40	80	66	63.0	67.0	11:55-11:59	12:55-12:59	40
39			39			63.5	67.5	12:00-12:04	13:00-13:04	39
38		1.5	38	79	65			12:05-12:09	13:05-13:09	38
37	3		37			64.0	68.0	12:10-12:14	13:10-13:14	37
36			36	78	64			12:15-12:19	13:15-13:19	36
35		1	35			64.5	68.5	12:20-12:24	13:20-13:24	35
34	2		34	77	63			12:25-12:29	13:25-13:29	34
33			33			65.0	69.0	12:30-12:34	13:30-13:34	33
32			32	76	62			12:35-12:39	13:35-13:39	32
31	1		31			65.5	69.5	12:40-12:44	13:40-13:44	31
30			30	75	61			12:45-12:49	13:45-13:49	30
29			29			66.0	70.0	12:50-12:54	13:50-13:54	29
28			28	74	60			12:55-12:59	13:55-13:59	28
27			27			66.5	70.5	13:00-13:04	14:00-14:04	27
26			26	73	59			13:05-13:09	14:05-14:09	26
25			25			67.0	71.0	13:10-13:14	14:10-14:14	25
24			24	72	58			13:15-13:19	14:15-14:19	24
23			23			67.5	71.5	13:20-13:24	14:20-14:24	23
22			22	71	57			13:25-13:29	14:25-14:29	22
21			21			68.0	72.0	13:30-13:34	14:30-14:34	21
20			20	70	56			13:35-13:39	14:35-14:39	20
19			19			68.5	72.5	13:40-13:44	14:40-14:44	19
18			18	69	55			13:45-13:49	14:45-14:49	18
17			17			69.0	73.0	13:50-13:54	14:50-14:54	17
16			16	68	54			13:55-13:59	14:55-14:59	16
15			15			69.5	73.5	14:00-14:04	15:00-15:04	15
14			14	67	53			14:05-14:09	15:05-15:09	14
13			13			70.0	74.0	14:10-14:14	15:10-15:14	13
12			12	66	52			14:15-14:19	15:15-15:19	12
11			11			70.5	74.5	14:20-14:24	15:20-15:24	11
10			10	65	51			14:25-14:29	15:25-15:29	10
9			9			71.0	75.0	14:30-14:34	15:30-15:34	9
8			8	64	50			14:35-14:39	15:35-15:39	8
7			7			71.5	75.5	14:40-14:44	15:40-15:44	7
6			6	63	49			14:45-14:49	15:45-15:49	6
5			5			72.0	76.0	14:50-14:54	15:50-15:54	5
4			4	62	48			14:55-14:59	15:55-15:59	4
3			3			72.5	76.5	15:00-15:04	16:00-16:04	3
2			2	61	47	73.0		15:05-15:09	16:05-16:09	2
1			1			73.5	77.0	15:10 +	16:10+	1

POINTS	PULL-UPS		SIT-UPS	LONG JUMP INCHES		300 YARD SHUTTLE (SECONDS)		1 1/2 MILE RUN/WALK (MIN:SECS)		POINTS
	MEN	WOMEN		MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	
100	20	9	90+	110+	96+	44.0	49.0	8:00-8:04	9:25-9:29	100
99										99
98			89	109	95	44.5	49.5	8:05-8:09	9:30-9:34	98
97		8.5								97
96	19		88	108	94	45.0	50.0	8:10-8:14	9:40-9:44	96
95										95
94		8	87	107	93	45.5	50.5	8:15-8:19	9:45-9:49	94
93										93
92	18		86	106	92	46.0	51.0	8:20-8:24	9:50-9:54	92
91										91
90		7.5	85	105	91	46.5	51.5	8:25-8:29	9:55-9:59	90
89										89
88	17		84	104	90	47.0	52.0	8:30-8:34	10:00-10:04	88
87										87
86		7	83	103	89	47.5	52.5	8:35-8:39	10:05-10:09	86
85										85
84	16		82	102	88	48.0	53.0	8:40-8:44	10:10-10:14	84
83										83
82		6.5	81	101	87	48.5	53.5	8:45-8:49	10:15-10:19	82
81										81
80	15		80	100	86	49.0	54.0	8:50-8:54	10:20-10:24	80
79										79
78		6	78	99	85			8:55-8:59	10:25-10:29	78
77			77			49.5	54.5			77
76	14		76	98	84			9:00-9:04	10:30-10:34	76
75			75			50.0	55.0			75
74		5.5	74	97	83			9:05-9:09	10:35-10:39	74
73			73			50.0	55.5	9:10-9:14		73
72	13		72		82			9:15-9:19	10:40-10:44	72
71			71			51.0	56.0	9:20-9:24		71
70		5	70	95	81			9:25-9:29	10:45-10:49	70
69			69			51.5	56.5	9:30-9:34		69
68	12		68	94	80			9:35-9:39	10:50-10:54	68
67			67			52.0	57.0	9:40-9:44		67
66			66	93	79			9:45-9:49	10:55-10:59	66
65		4.5	65			52.5	57.5	9:50-9:54		65
64	11		64	92	78			9:55-9:59	11:00-11:05	64
63			63			53.0	58.0	10:00-10:04		63
62			62	91	77			10:05-10:09	11:05-11:09	62
61			61			53.5	58.5	10:10-10:14	11:10-11:14	61
60	10	4	60	90	76			10:15-10:19	11:15-11:19	60
59			59			54.0	59.0	10:20-10:24	11:20-11:24	59
58			58	89	75			10:25-10:29	11:25-11:29	58
57			57			54.5	59.5	10:30-10:34	11:30-11:34	57
56	9		56	88	74	55.0		10:35-10:39	11:35-11:39	56
55		3.5	55			55.5	60.0	10:40-10:44	11:40-11:44	55
54			54	87	73	56.0	60.5	10:45-10:49	11:45-11:49	54
53			53			56.5	61.0	10:50-10:54	11:50-11:54	53
52	8		52	86	72	57.0	61.5	10:55-10:59	11:55-11:59	52
51			51			57.5	62.0	11:00-11:04	12:00-12:04	51

COAST GUARD

APPENDIX VI

1992 CLASS DATA

304 RESPONSES (253 Men, 51 Women)

AGE OF CADETS AT TIME OF ENTRANCE

AGE	NUMBER (PERCENT) (M)	(W)	(T)
17	83 (32.8)	17 (33.3)	100 (32.9)
18	126 (49.8)	30 (58.8)	156 (51.3)
19	30 (11.8)	2 (3.9)	32 (10.6)
20	10 (4.0)	1 (2.0)	11 (3.6)
21	4 (1.6)	1 (2.0)	5 (1.6)

PRIOR EDUCATION OF ENTRANTS

	NUMBER (PERCENT) (M)	(W)	(T)
One or more semesters of college	37 (14.6)	7 (13.7)	44 (14.5)

ACADEMIC STANDING IN SECONDARY SCHOOL

STANDING	PERCENT
Upper 10%	66%
Upper 20%	90%
Upper 30%	99%
Upper 40%	100%

OFFICES HELD DURING SECONDARY SCHOOL

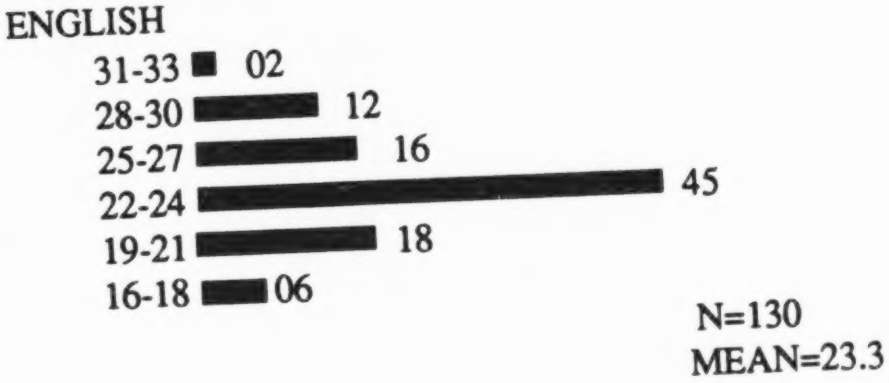
	NUMBER (PERCENT) (M)	(W)	(T)
President, Senior Class	36 (14.2)	6 (11.8)	42 (13.8)
President, other than Senior Class	23 (9.0)	3 (5.9)	26 (8.6)
Senior Class Officer, other than President	23 (9.0)	6 (11.8)	29 (9.5)
President, one or more school sponsored clubs	45 (17.8)	9 (16.7)	54 (17.8)
President, one or more non-school sponsored clubs	16 (6.3)	3 (5.9)	19 (6.2)

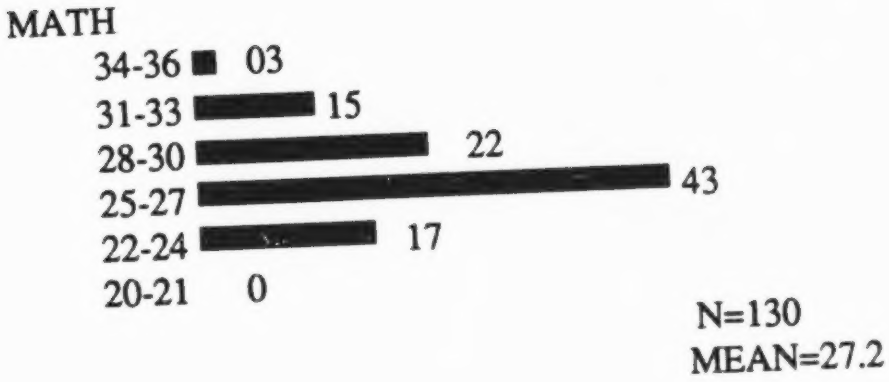
ENTRANTS AWARDED ONE OR MORE SCHOLARSHIPS

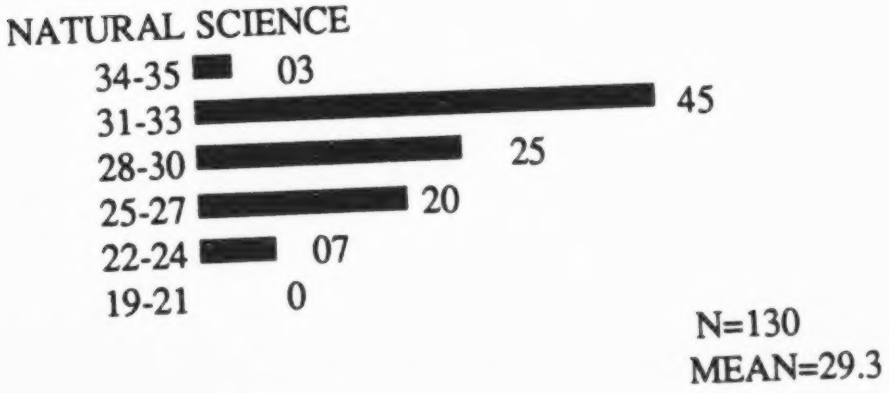
SCHOLARSHIP	NUMBER (PERCENT) (M)	(W)	(T)
National Merit			
Merit Scholar	3 (1.2)	0 (0.0)	3(1.2)
Finalist	3 (1.2)	0 (0.0)	3(1.2)
Semi-Finalist	5 (2.0)	1 (2.0)	6(2.0)
Athletic	58 (22.9)	2 (3.9)	60(19.7)
Academic	143 (56.5)	22 (43.1)	165 (54.3)

SCORES EARNED ON AMERICAN COLLEGE TESTING ASSESSMENT (ACT)

PERCENT OF CADETS FALLING IN EACH INTERVAL LISTED

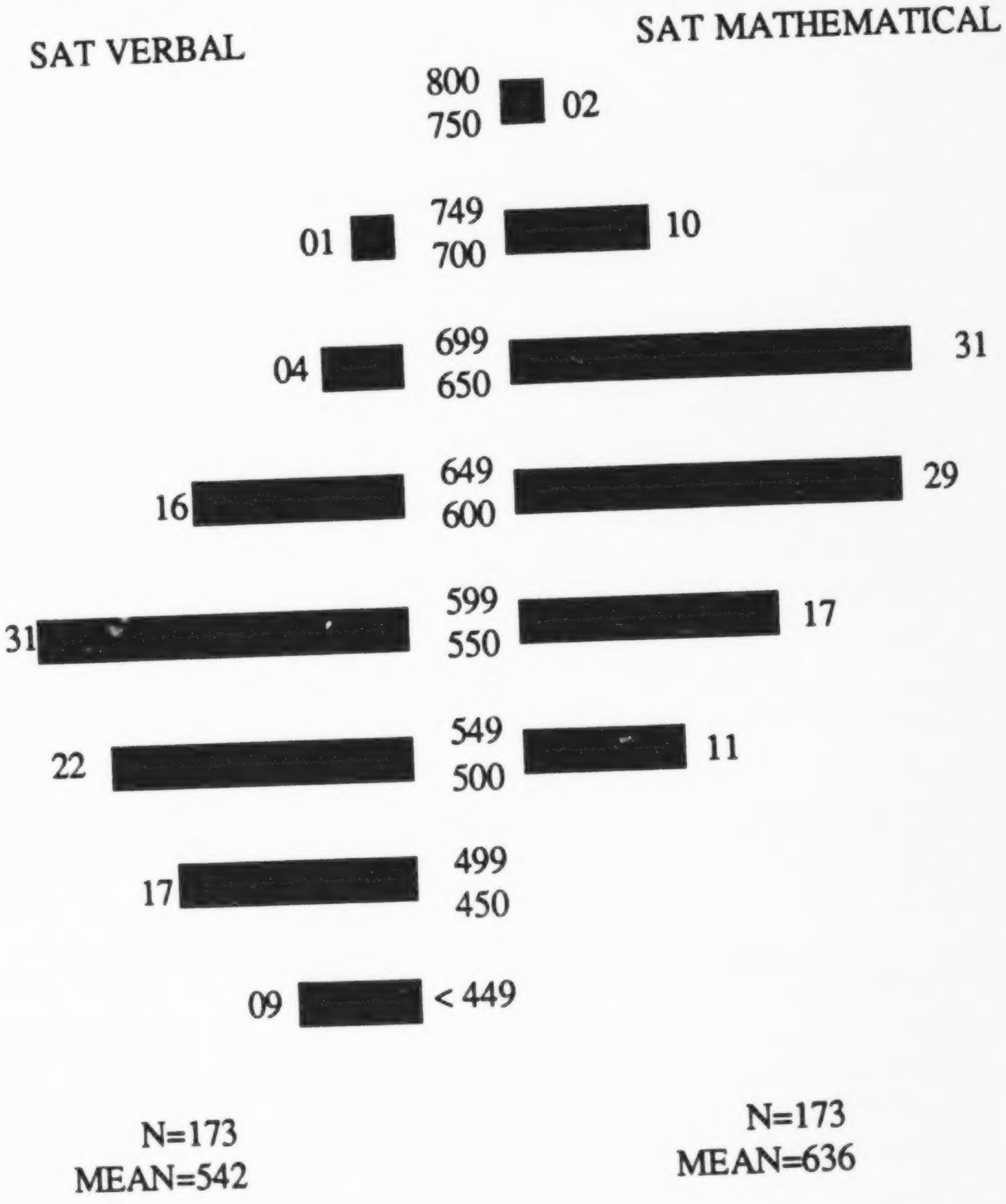

ENGLISH


MATH

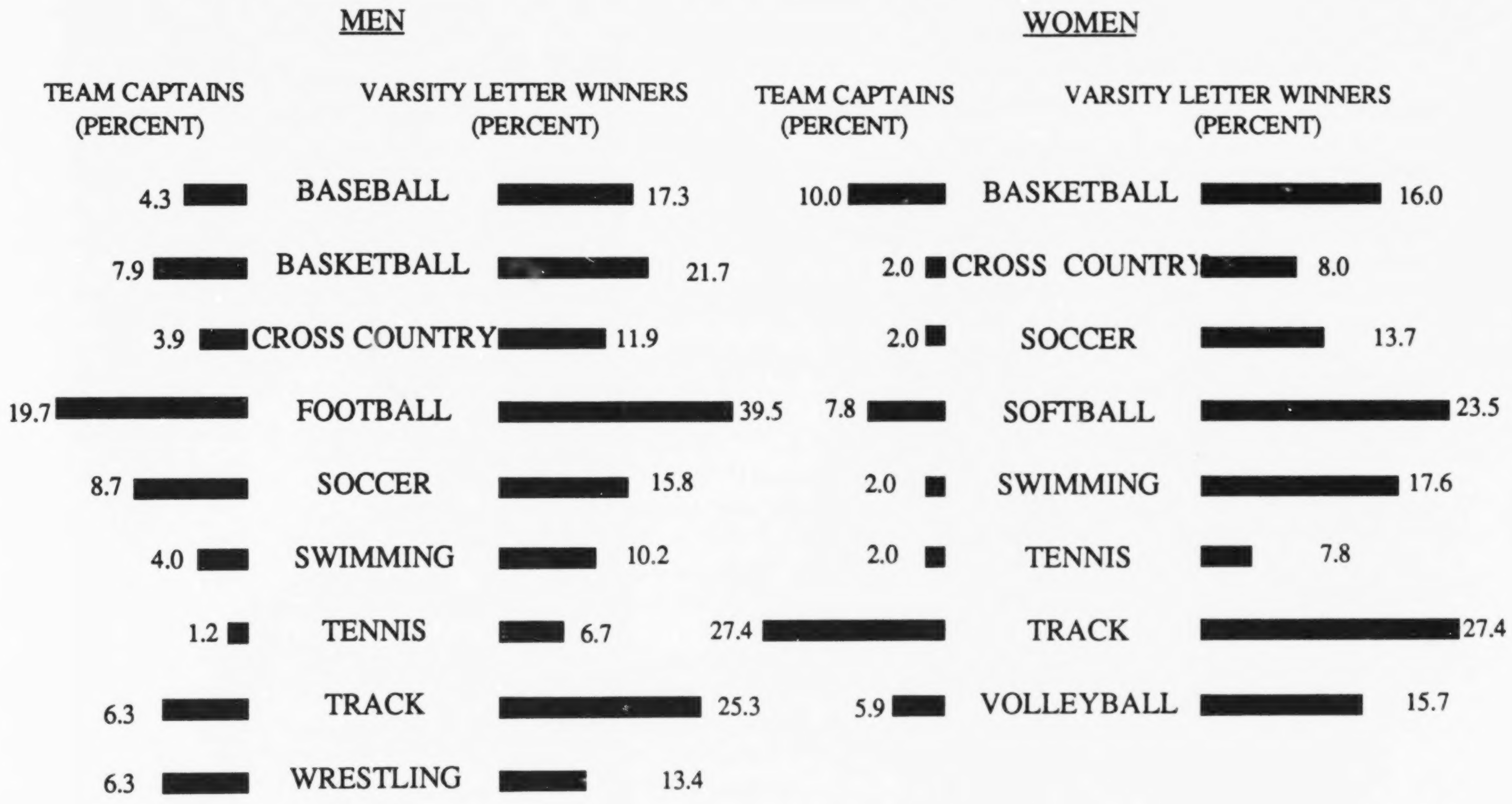

NATURAL SCIENCE

SCORES EARNED ON SCHOLASTIC APTITUDE TESTS (SAT)

PERCENT OF CADETS FALLING IN EACH INTERVAL LISTED



VARSITY SPORT PARTICIPATION IN SECONDARY SCHOOL



EXTRACURRICULAR RESPONSES

ACTIVITY	NUMBER (PERCENT) (M)	(W)	(T)
State or regional speech or debate contest	18 (7.1)	3 (5.9)	21 (6.9)
Major part in a play	36 (14.2)	3 (5.9)	39 (12.8)
Had poems, stories, essays or articles published	48 (19.0)	7 (13.7)	56 (18.1)
Placed (1,2,3) in a state/regional science contest	24 (9.5)	3 (5.9)	27 (8.9)
High rating in a state/regional music contest	24 (9.5)	4 (7.8)	28 (9.2)
All-state/All-regional orchestra, band, choir or chorus	14 (5.5)	1 (2.0)	15 (4.9)
National Science Foundation summer program	1 (0.4)	0 (0.0)	1 (0.3)
Boys/Girls State representative	52 (20.6)	9 (17.6)	61 (20.1)
Eagle Scout/Girl Scout Gold Award	18 (7.1)	2 (3.9)	20 (6.6)

APPENDIX VII

APPLICANT'S CHECK-OFF LIST

___ 1. Complete and mail Application for Appointment as Cadet, U.S. Coast Guard Academy by December 15.

___ 2. Take SAT or ACT examinations by December of the year you are applying. Have the scores sent to the Academy.

___ 3. Review medical requirements for eligibility listed in Appendix IV. Pay special attention to the visual standards.

___ 4. Upon receipt of supplementary admission forms (returned to Academy by 15 January):

  ___ a. complete pink and purple forms and return to Academy admissions.

  ___ b. give grey form to guidance counselor for completion. Please advise the counselor that your accurate class standing should be reported.

  ___ c. distribute blue forms to your English and Math instructors and red form to your physical fitness instructor or coach.

  ___ d. (if in military service, reserve program, JROTC) distribute blue form to your Commanding Officer for completion and attach a copy of your recent marks.

  ___ e. (if attending college or preparatory school) have the registrar forward your transcript to the Academy.

Where is the Coast Guard Academy located?

Airline: Groton-New London Airport is located approximately 6 miles from the Academy. Delta and U.S. Air provide daily commuter service from surrounding metropolitan cities. Rental cars and taxi transportation are available.

Bus/Train: New London's Amtrak and Greyhound station is located approximately 1 mile from the Academy. Cab fare to the Academy is available for about $3.00 one way.

Ferry: The Orient Point ferry terminal is adjacent to the train station. Service between Orient Point, Long Island, New York and New London is available year round.

Car: The Academy is located just off Interstate 95. If arriving from the south, take exit 82A; when arriving from the north, take exit 83. Follow signs directly to the Academy, approximately 1 mile. The Academy is 2 1/2 hours from New York City, 3 hours from Boston and 1 hour from Hartford and Providence.

Director of Admissions
U.S. Coast Guard Academy
New London, CT 06320-4195
(203) 444-8501

THE COAST GUARD ACADEMY SUCCESS FOR YOUR FUTURE